

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX070820\
 Data File : VX017243.D
 Acq On : 08 Jul 2020 09:17
 Operator : JC/SP
 Sample : BFB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

Quant Time: Jul 08 15:44:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	4078	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	7279	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	8184	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	5131	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	4799	95.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	190.92%	
35) Dibromofluoromethane	5.46	113	3057	66.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	132.78%	
50) Toluene-d8	8.70	98	9218	54.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.28%	
62) 4-Bromofluorobenzene	11.12	95	118565	1781.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	3562.74%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.18	85	98	2.484	ug/l #	41
3) Chloromethane	1.31	50	601	12.585	ug/l #	27
4) Vinyl Chloride	1.39	62	482	10.879	ug/l	94
5) Bromomethane	1.64	94	1063	45.410	ug/l #	71
6) Chloroethane	1.71	64	177	6.764	ug/l #	78
7) Trichlorofluoromethane	1.92	101	161	2.457	ug/l #	65
8) Diethyl Ether	2.17	74	195	9.145	ug/l #	1
9) 1,1,2-Trichlorotrifluoroet	2.36	101	108	2.750	ug/l #	28
10) Methyl Iodide	2.50	142	946	18.667	ug/l #	75
11) Tert butyl alcohol	3.00	59	575	59.954	ug/l #	73
12) 1,1-Dichloroethene	2.36	96	632	15.664	ug/l #	68
13) Acrolein	2.28	56	766	133.609	ug/l	95
14) Allyl chloride	2.70	41	286	3.836	ug/l #	76
15) Acrylonitrile	3.12	53	984	42.679	ug/l #	81
16) Acetone	2.42	43	1007	53.544	ug/l #	73
17) Carbon Disulfide	2.55	76	3614	32.108	ug/l	96
18) Methyl Acetate	2.76	43	343	6.986	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	206	1.521	ug/l #	54
20) Methylene Chloride	2.83	84	1331	30.554	ug/l #	76
21) trans-1,2-Dichloroethene	3.14	96	817	18.247	ug/l #	76
22) Diisopropyl ether	3.81	45	224	1.623	ug/l #	57
23) Vinyl Acetate	3.78	43	1113	9.385	ug/l #	71
24) 1,1-Dichloroethane	3.65	63	193	2.458	ug/l #	82
25) 2-Butanone	4.65	43	540	17.232	ug/l #	61
26) 2,2-Dichloropropane	4.56	77	47	0.674	ug/l #	53
27) cis-1,2-Dichloroethene	4.54	96	924	18.214	ug/l #	1
28) Bromochloromethane	4.96	49	325	8.505	ug/l #	27
29) Tetrahydrofuran	5.08	42	383	18.498	ug/l #	42
30) Chloroform	5.17	83	271	3.367	ug/l #	72
31) Cyclohexane	5.55	56	176	2.593	ug/l #	30
32) 1,1,1-Trichloroethane	5.46	97	95	1.282	ug/l #	24
36) 1,1-Dichloropropene	5.77	75	752	10.931	ug/l #	71
37) Ethyl Acetate	4.81	43	423	6.060	ug/l #	68
38) Carbon Tetrachloride	5.75	117	21	0.277	ug/l #	84

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	219	2.861	ug/l #	69
40) Benzene	6.10	78	763	3.775	ug/l	95
41) Methacrylonitrile	4.98	41	205	5.218	ug/l #	42
42) 1,2-Dichloroethane	6.16	62	398	5.451	ug/l #	74
43) Isopropyl Acetate	6.40	43	283	2.440	ug/l #	70
44) Trichloroethene	7.19	130	1106	19.641	ug/l	86
45) 1,2-Dichloropropane	7.49	63	22	0.424	ug/l #	44
46) Dibromomethane	7.63	93	317	8.944	ug/l #	62
47) Bromodichloromethane	7.87	83	160	2.190	ug/l #	24
48) Methyl methacrylate	7.73	41	117	2.123	ug/l #	34
49) 1,4-Dioxane	7.71	88	19	15.220	ug/l #	1
51) 4-Methyl-2-Pentanone	8.62	43	596	8.620	ug/l #	75
52) Toluene	8.76	92	498	3.946	ug/l	90
53) t-1,3-Dichloropropene	9.02	75	490	6.080	ug/l #	37
54) cis-1,3-Dichloropropene	8.42	75	372	4.306	ug/l #	83
55) 1,1,2-Trichloroethane	9.18	97	119	2.308	ug/l #	32
56) Ethyl methacrylate	9.17	69	85	1.158	ug/l #	1
57) 1,3-Dichloropropane	9.35	76	203	2.327	ug/l #	3
58) 2-Chloroethyl Vinyl ether	8.29	63	1042	28.528	ug/l	98
59) 2-Hexanone	9.48	43	586	11.605	ug/l	66
60) Dibromochloromethane	9.57	129	39	0.651	ug/l #	1
61) 1,2-Dibromoethane	9.65	107	354	6.387	ug/l #	39
64) Tetrachloroethene	9.31	164	1638	24.799	ug/l #	83
65) Chlorobenzene	10.13	112	752	4.452	ug/l #	64
66) 1,1,1,2-Tetrachloroethane	10.34	131	28	0.430	ug/l #	9
67) Ethyl Benzene	10.24	91	870	3.084	ug/l	99
68) m/p-Xylenes	10.35	106	529	4.884	ug/l	84
69) o-Xylene	10.69	106	220	2.135	ug/l	92
70) Styrene	10.70	104	600	3.420	ug/l #	76
71) Bromoform	10.84	173	102	1.976	ug/l #	28
73) Isopropylbenzene	11.00	105	684	2.035	ug/l	81
74) N-amyl acetate	10.87	43	249	1.736	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	11.25	83	180	1.703	ug/l #	26
76) 1,2,3-Trichloropropane	11.12	75	58175	576.571	ug/l #	37
77) Bromobenzene	11.24	156	454	4.915	ug/l	87
78) n-propylbenzene	11.35	91	1481	3.897	ug/l	89
79) 2-Chlorotoluene	11.41	91	854	3.713	ug/l	95
80) 1,3,5-Trimethylbenzene	11.49	105	601	2.156	ug/l	92
81) trans-1,4-Dichloro-2-buten	11.12	75	58175	1493.114	ug/l #	13
82) 4-Chlorotoluene	11.50	91	1342	4.881	ug/l	96
83) tert-Butylbenzene	11.76	119	509	1.860	ug/l #	82
84) 1,2,4-Trimethylbenzene	11.79	105	695	2.457	ug/l	72
85) sec-Butylbenzene	11.93	105	1012	3.146	ug/l	90
86) p-Isopropyltoluene	12.05	119	962	3.212	ug/l	94
87) 1,3-Dichlorobenzene	12.01	146	940	5.603	ug/l	90
88) 1,4-Dichlorobenzene	12.08	146	1010	6.216	ug/l	85
89) n-Butylbenzene	12.37	91	1629	6.092	ug/l	90
90) Hexachloroethane	12.38	117	107	1.812	ug/l #	10
91) 1,2-Dichlorobenzene	12.38	146	848	5.408	ug/l	89
92) 1,2-Dibromo-3-Chloropropan	12.99	75	51	2.022	ug/l #	54

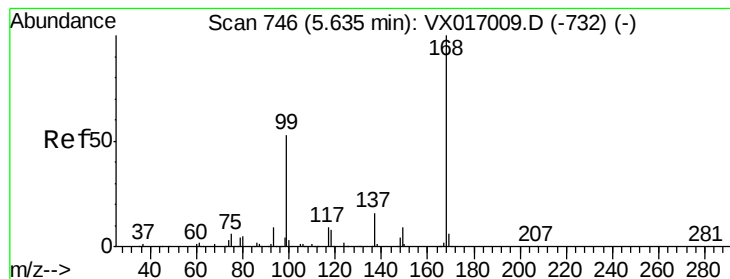
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070820\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	1141	10.660	ug/l	97
94) Hexachlorobutadiene	13.76	225	1063	26.571	ug/l	92
95) Naphthalene	13.82	128	2130	6.546	ug/l #	94
96) 1,2,3-Trichlorobenzene	14.00	180	1151	11.112	ug/l	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017243.D

Acq: 08 Jul 2020 09:17

Instrument :

MSVOA_X

ClientSampled :

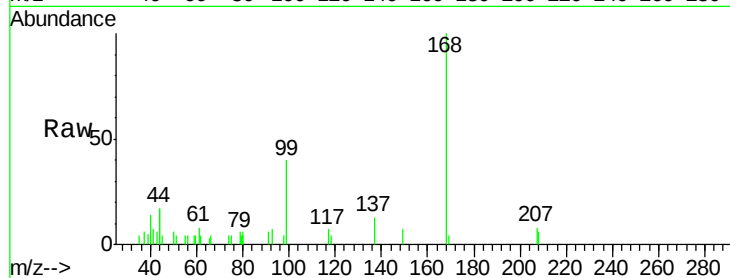
BFB

Tgt Ion:168 Resp: 4078

Ion Ratio Lower Upper

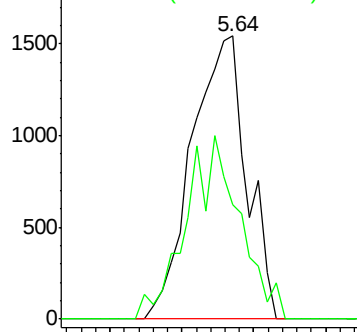
168 100

99 40.3 42.6 64.0#

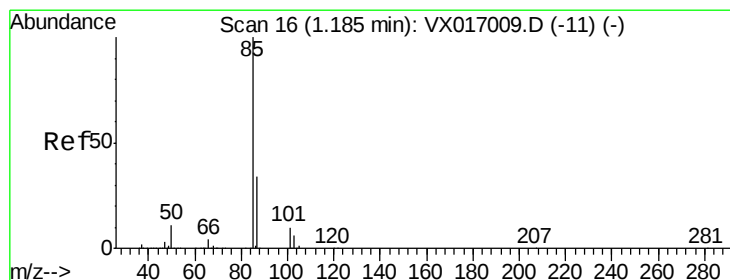
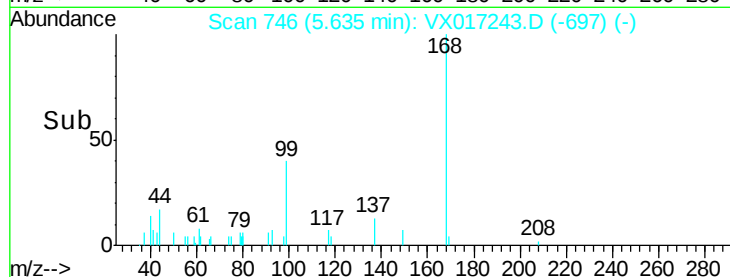


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



Time-->



#2

Dichlorodifluoromethane

Concen: 2.484 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017243.D

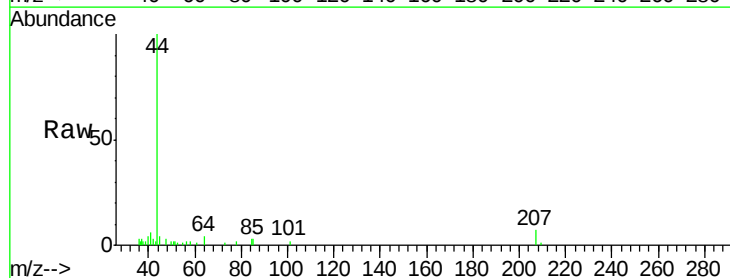
Acq: 08 Jul 2020 09:17

Tgt Ion: 85 Resp: 98

Ion Ratio Lower Upper

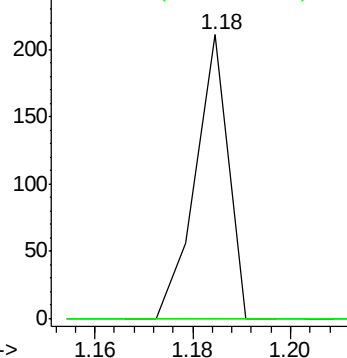
85 100

87 0.0 16.8 50.4#

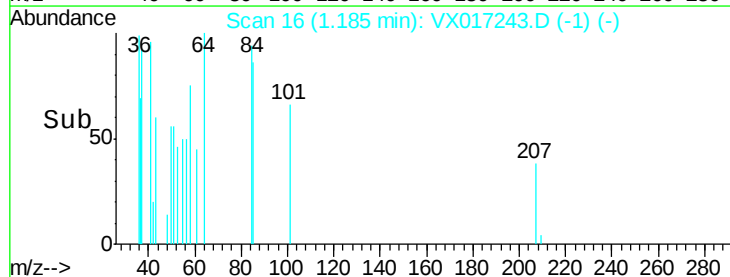


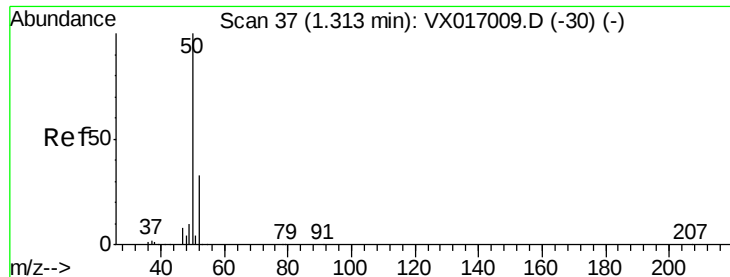
Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0



Time-->





#3

Chloromethane

Concen: 12.585 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017243.D

Acq: 08 Jul 2020 09:17

Instrument :

MSVOA_X

ClientSampleId :

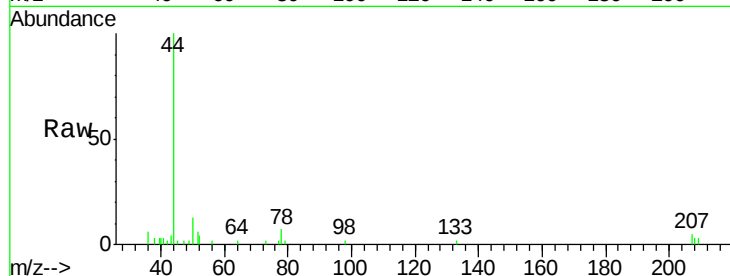
BFB

Tgt Ion: 50 Resp: 601

Ion Ratio Lower Upper

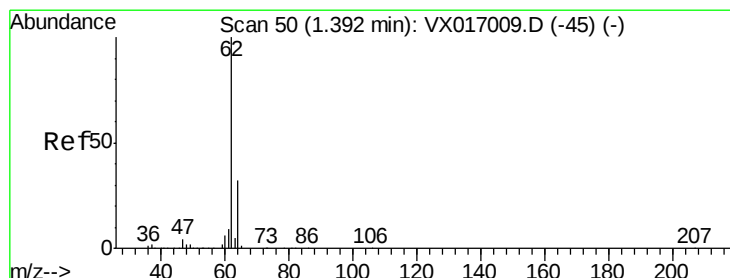
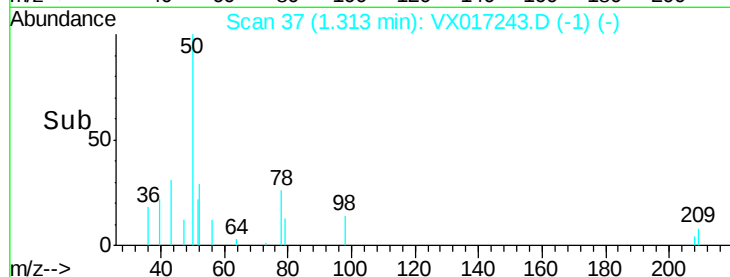
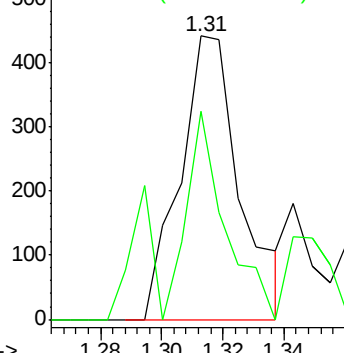
50 100

52 73.5 26.1 39.1#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 10.879 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017243.D

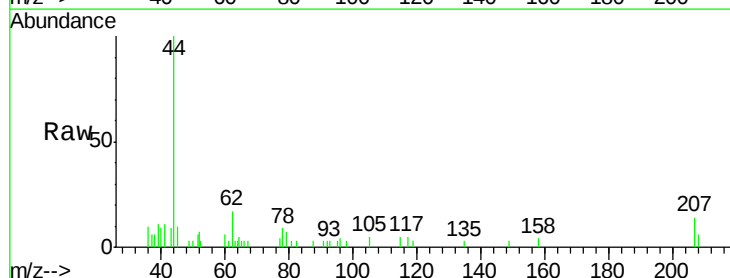
Acq: 08 Jul 2020 09:17

Tgt Ion: 62 Resp: 482

Ion Ratio Lower Upper

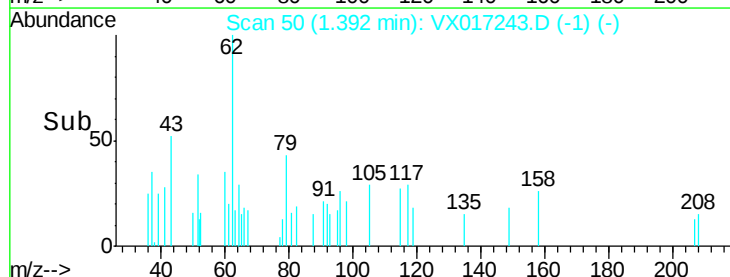
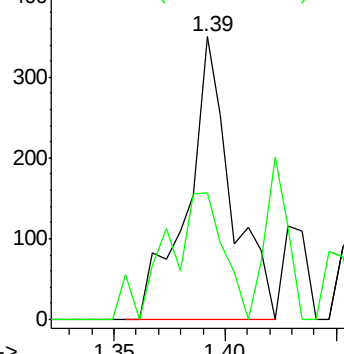
62 100

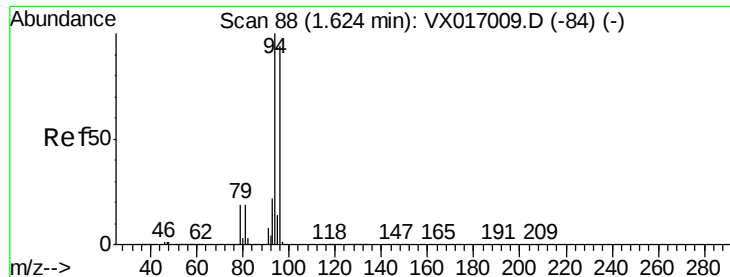
64 29.1 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 45.410 ug/l

RT: 1.64 min Scan# 91

Delta R.T. 0.02 min

Lab File: VX017243.D

Acq: 08 Jul 2020 09:17

Instrument :

MSVOA_X

ClientSampled :

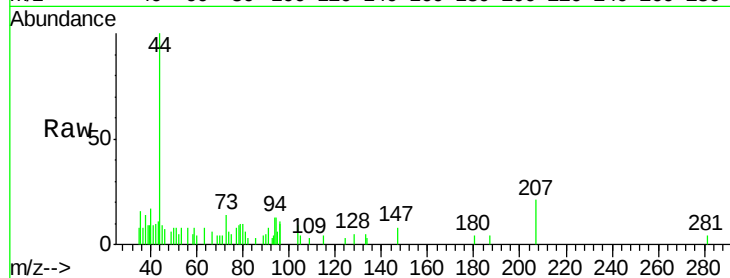
BFB

Tgt Ion: 94 Resp: 1063

Ion Ratio Lower Upper

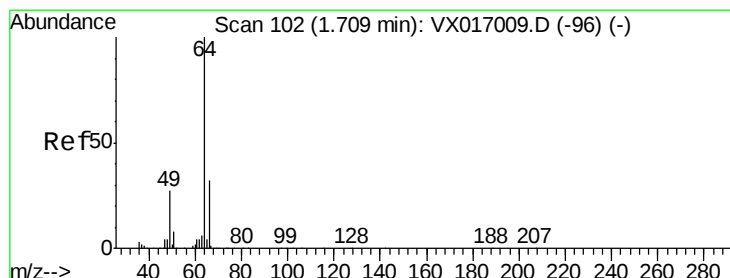
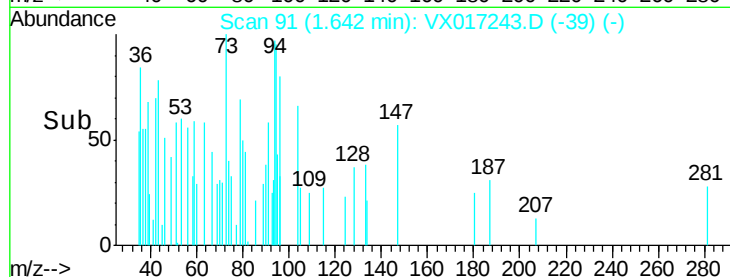
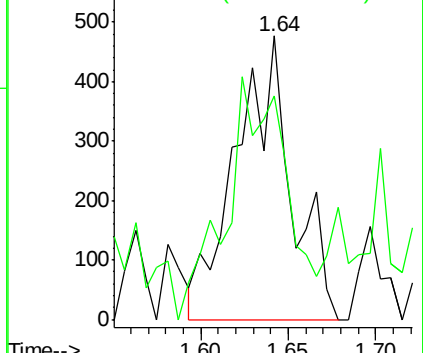
94 100

96 65.8 75.0 112.4#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 6.764 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX017243.D

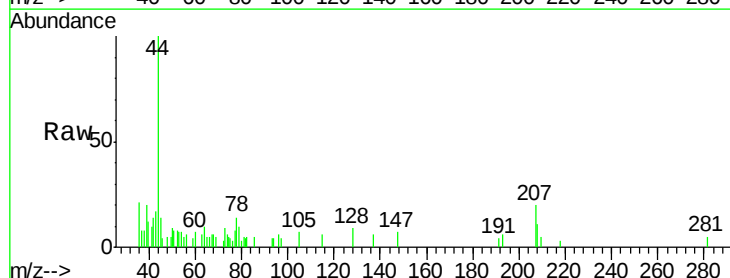
Acq: 08 Jul 2020 09:17

Tgt Ion: 64 Resp: 177

Ion Ratio Lower Upper

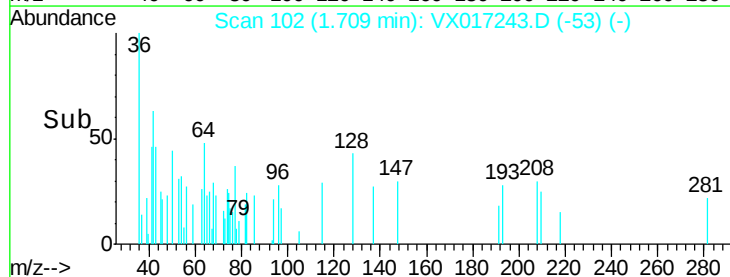
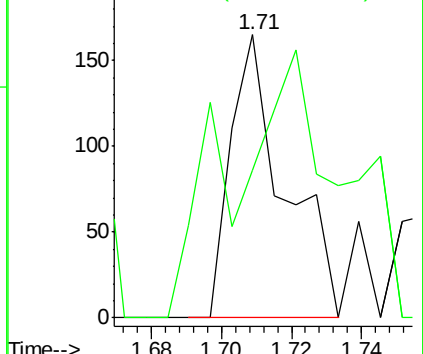
64 100

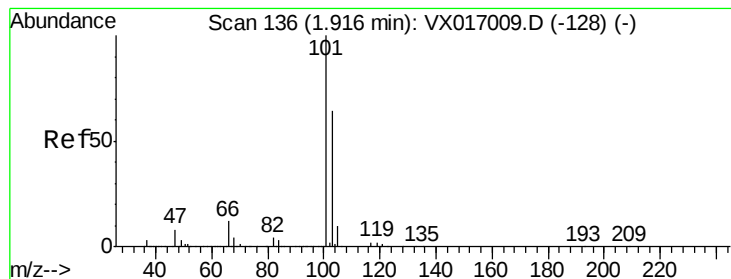
66 19.4 25.5 38.3#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



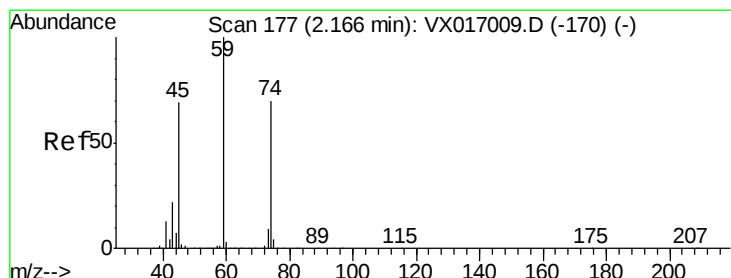
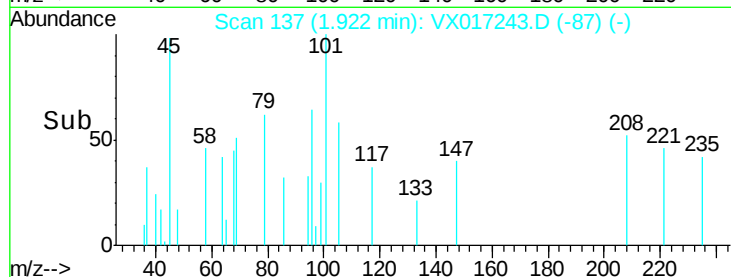
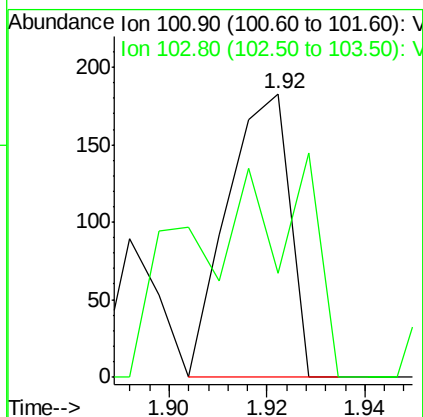
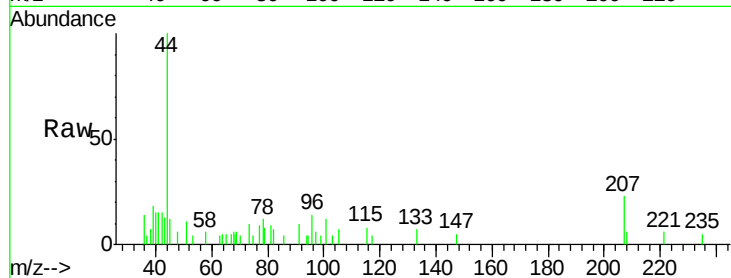


#7

Trichlorofluoromethane
 Concen: 2.457 ug/l
 RT: 1.92 min Scan# 137
 Delta R.T. 0.01 min
 Lab File: VX017243.D
 Acq: 08 Jul 2020 09:17

Instrument :
 MSVOA_X
 ClientSampled :
 BFB

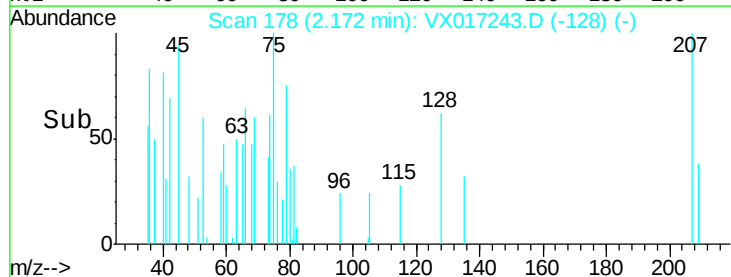
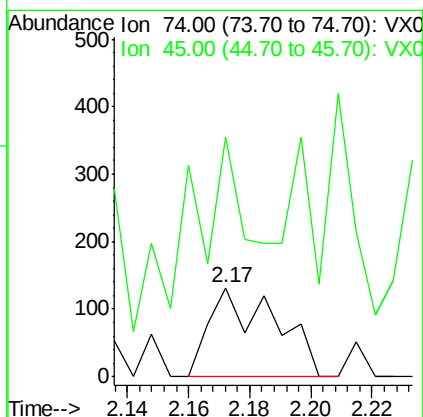
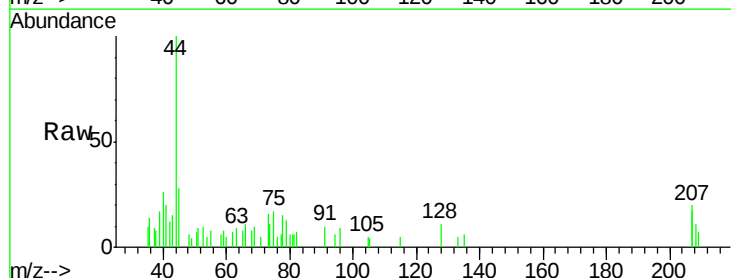
Tgt Ion: 101 Resp: 161
 Ion Ratio Lower Upper
 101 100
 103 36.6 51.5 77.3#

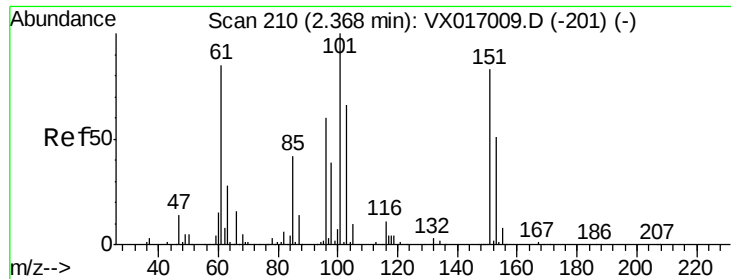


#8

Diethyl Ether
 Concen: 9.145 ug/l
 RT: 2.17 min Scan# 178
 Delta R.T. 0.01 min
 Lab File: VX017243.D
 Acq: 08 Jul 2020 09:17

Tgt Ion: 74 Resp: 195
 Ion Ratio Lower Upper
 74 100
 45 224.6 49.8 149.3#





#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.750 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX017243.D

Acq: 08 Jul 2020 09:17

Instrument :

MSVOA_X

ClientSampleId :

BFB

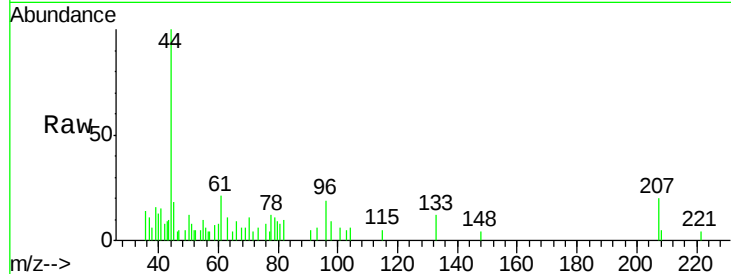
Tgt Ion:101 Resp: 108

Ion Ratio Lower Upper

101 100

85 18.5 33.5 50.3#

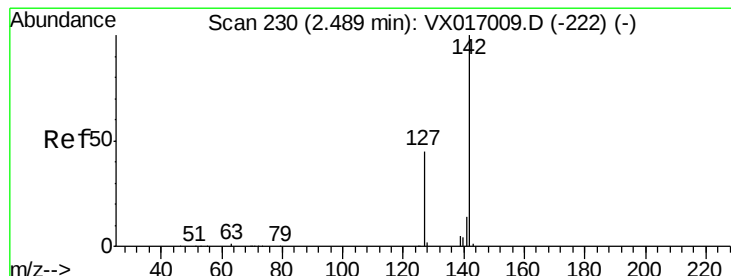
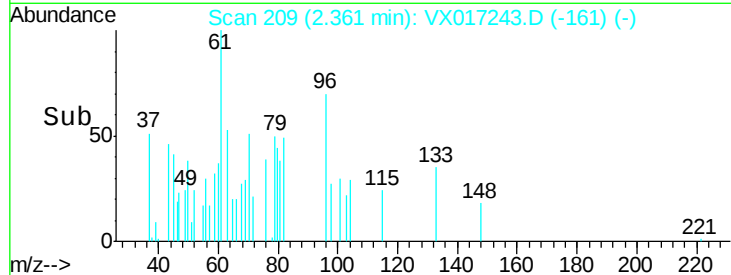
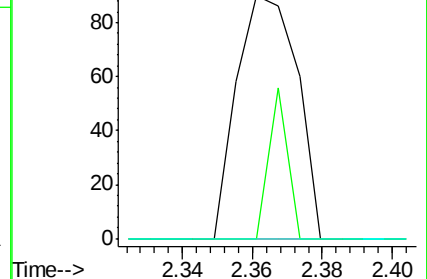
151 0.0 63.8 95.6#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.667 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX017243.D

Acq: 08 Jul 2020 09:17

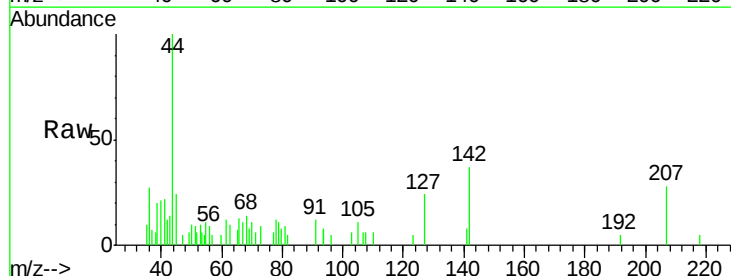
Tgt Ion:142 Resp: 946

Ion Ratio Lower Upper

142 100

127 64.9 36.6 54.8#

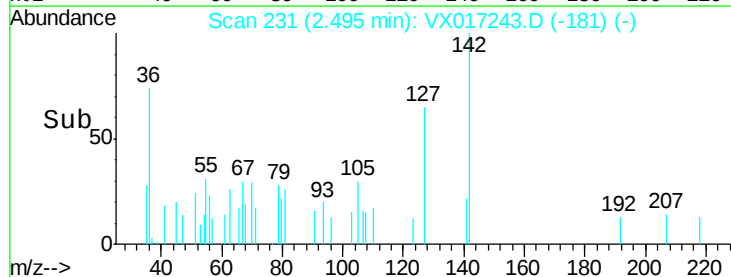
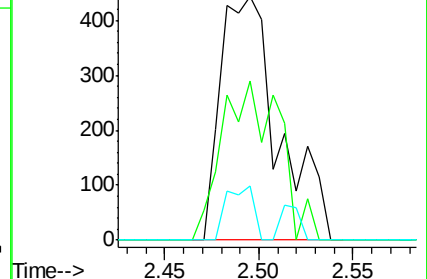
141 10.4 11.6 17.4#

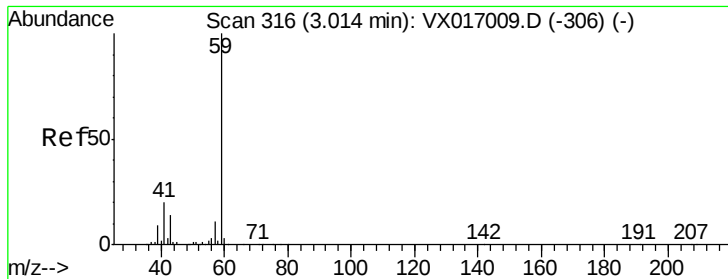


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

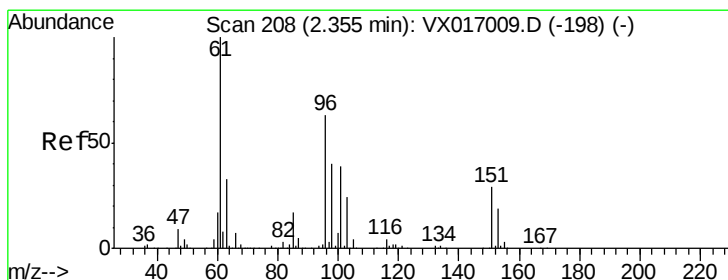
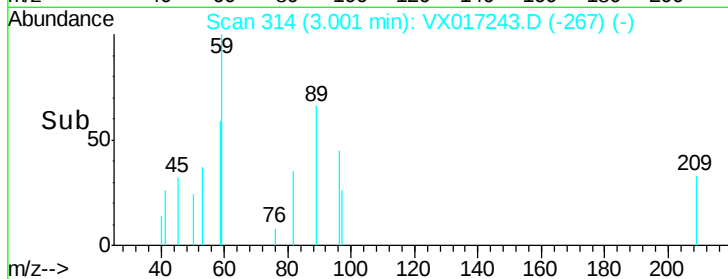
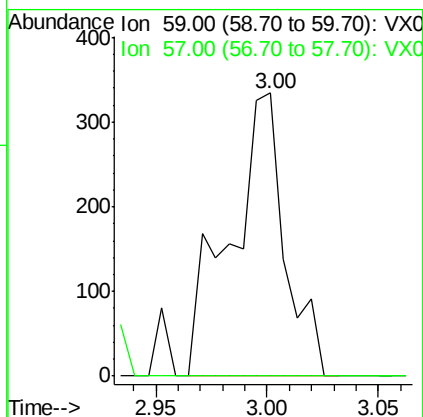
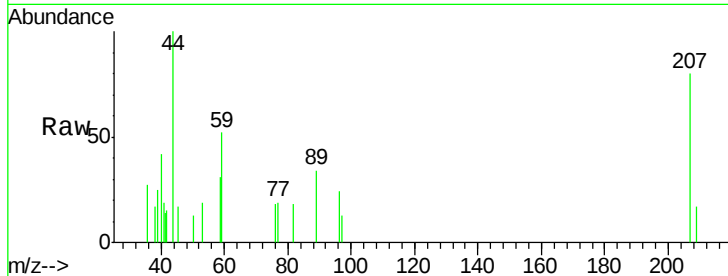




#11
Tert butyl alcohol
Concen: 59.954 ug/l
RT: 3.00 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX017243.D
Acq: 08 Jul 2020 09:17

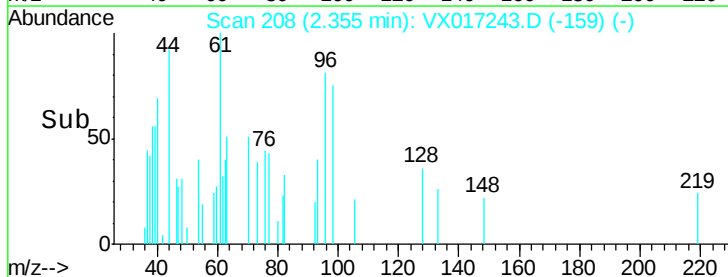
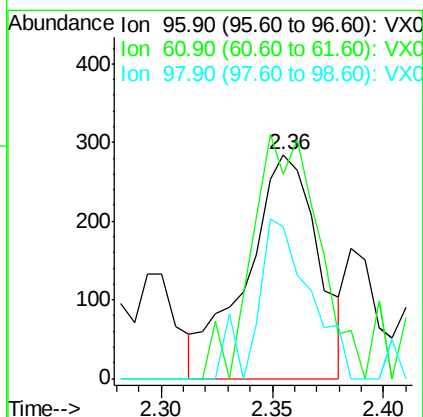
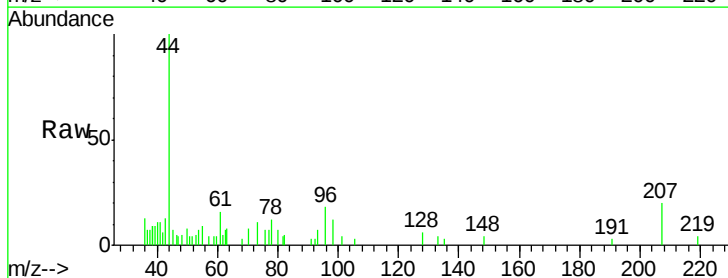
Instrument :
MSVOA_X
ClientSampled :
BFB

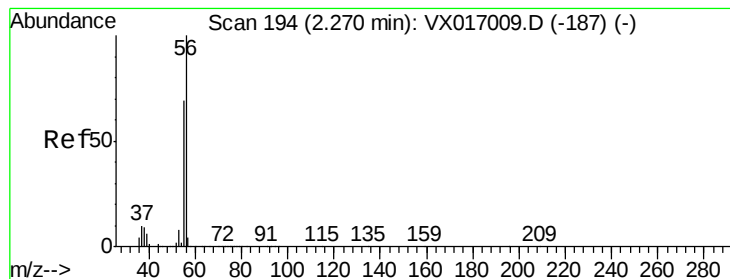
Tgt Ion: 59 Resp: 575
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#12
1,1-Dichloroethene
Concen: 15.664 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017243.D
Acq: 08 Jul 2020 09:17

Tgt Ion: 96 Resp: 632
Ion Ratio Lower Upper
96 100
61 113.6 126.3 189.5#
98 84.6 51.0 76.6#





#13

Acrolein

Concen: 133.609 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX017243.D

Acq: 08 Jul 2020 09:17

Instrument :

MSVOA_X

ClientSampleId :

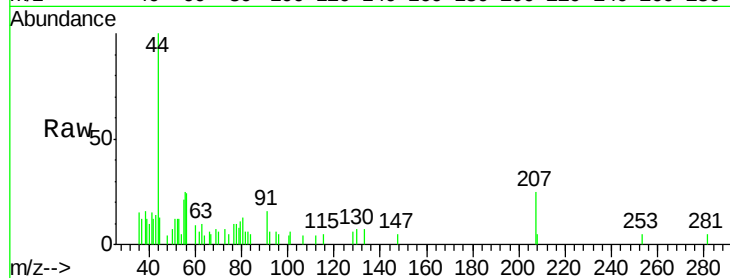
BFB

Tgt Ion: 56 Resp: 766

Ion Ratio Lower Upper

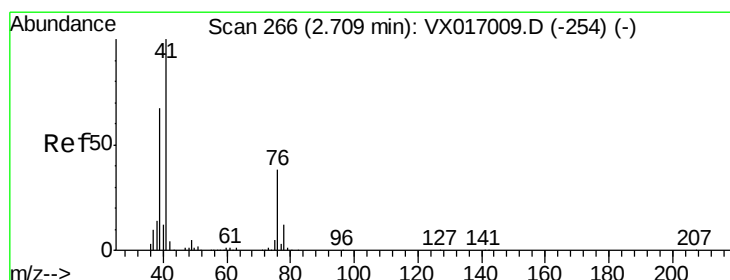
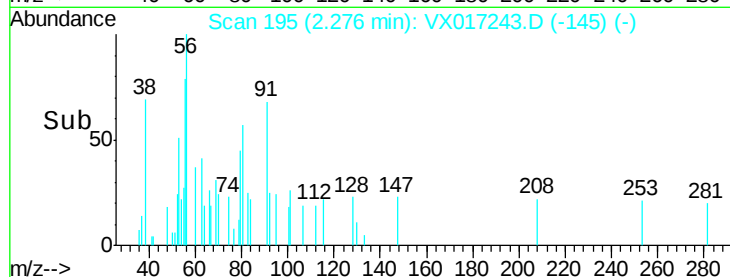
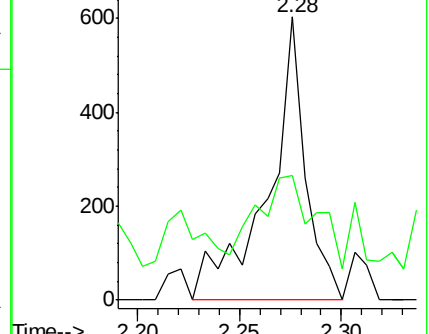
56 100

55 65.7 55.7 83.5



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 3.836 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX017243.D

Acq: 08 Jul 2020 09:17

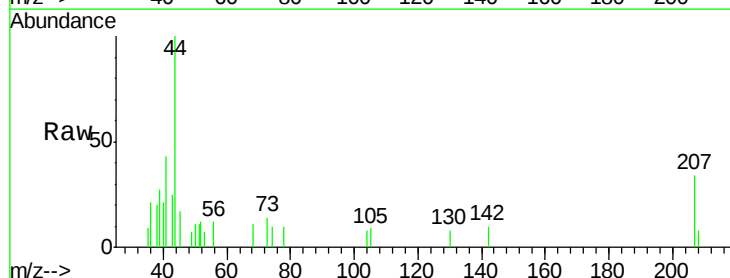
Tgt Ion: 41 Resp: 286

Ion Ratio Lower Upper

41 100

39 58.0 49.4 74.2

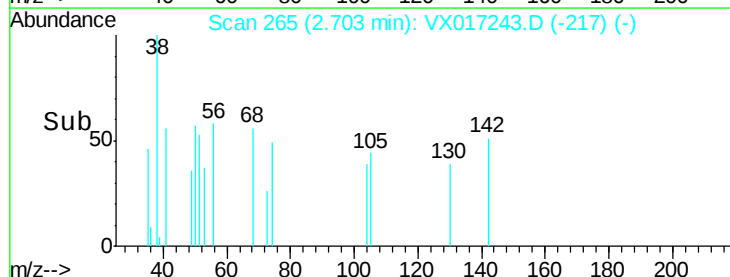
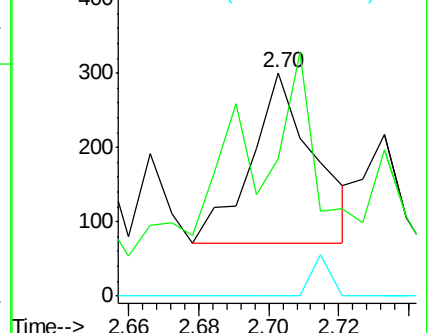
76 0.0 26.8 40.2#

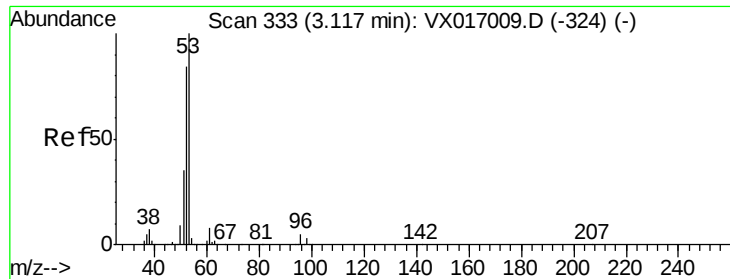


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

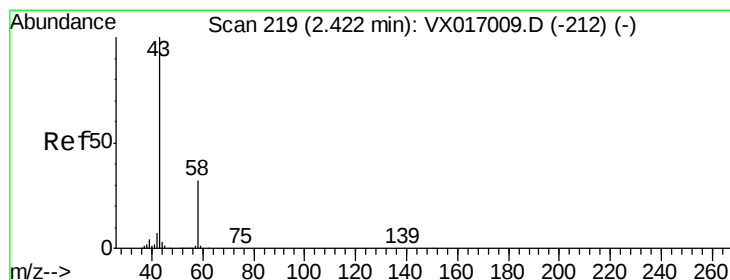
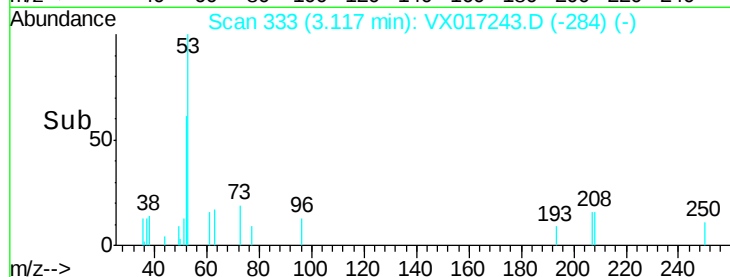
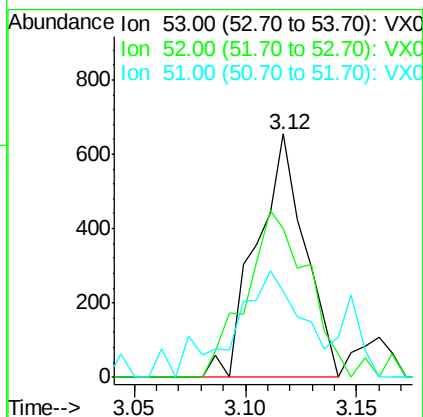
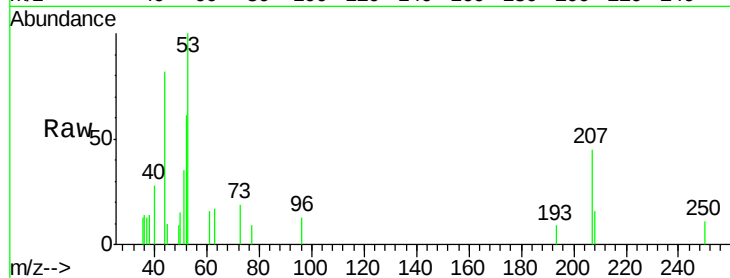




#15
 Acrylonitrile
 Concen: 42.679 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX017243.D
 Acq: 08 Jul 2020 09:17

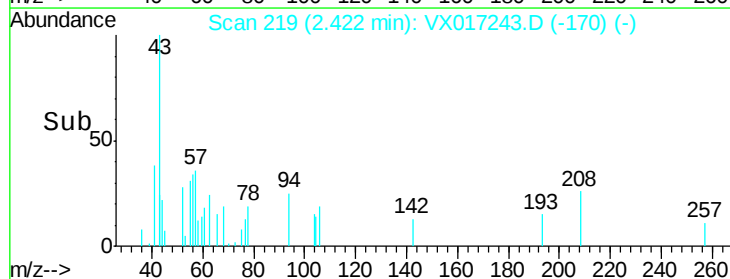
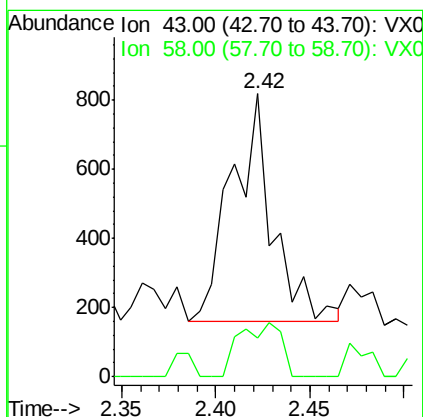
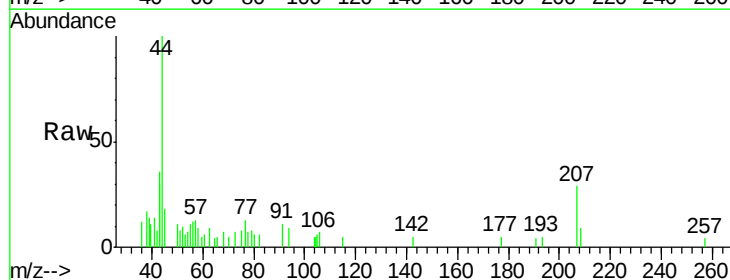
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

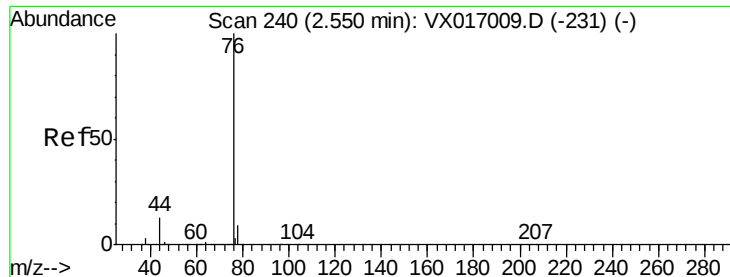
Tgt Ion: 53 Resp: 984
 Ion Ratio Lower Upper
 53 100
 52 87.4 65.6 98.4
 51 63.7 28.3 42.5#



#16
 Acetone
 Concen: 53.544 ug/l
 RT: 2.42 min Scan# 219
 Delta R.T. -0.00 min
 Lab File: VX017243.D
 Acq: 08 Jul 2020 09:17

Tgt Ion: 43 Resp: 1007
 Ion Ratio Lower Upper
 43 100
 58 17.0 25.7 38.5#





#17

Carbon Disulfide

Concen: 32.108 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017243.D

Acq: 08 Jul 2020 09:17

Instrument :

MSVOA_X

ClientSampleId :

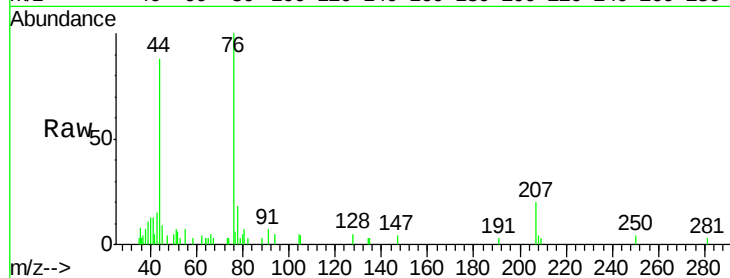
BFB

Tgt Ion: 76 Resp: 3614

Ion Ratio Lower Upper

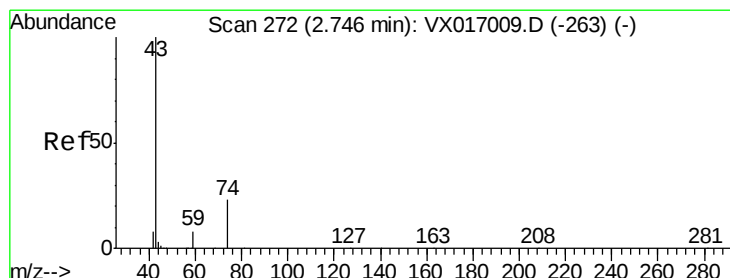
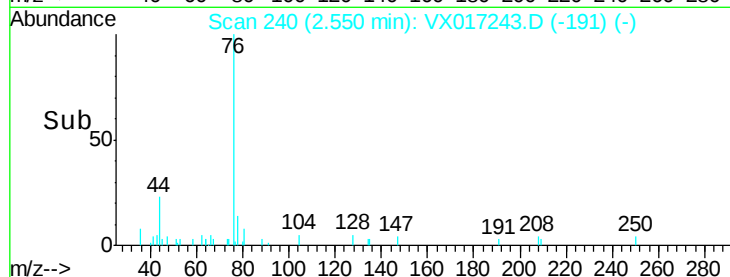
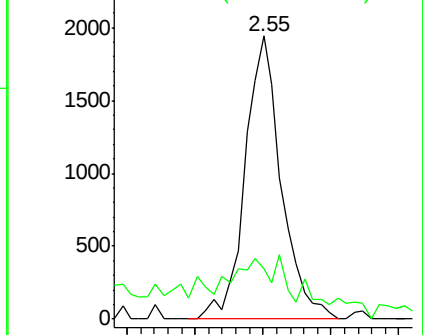
76 100

78 10.6 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 6.986 ug/l

RT: 2.76 min Scan# 274

Delta R.T. 0.01 min

Lab File: VX017243.D

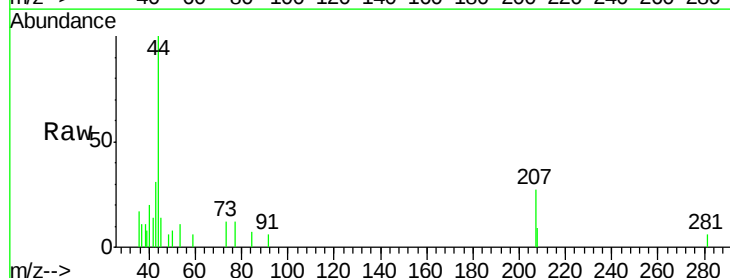
Acq: 08 Jul 2020 09:17

Tgt Ion: 43 Resp: 343

Ion Ratio Lower Upper

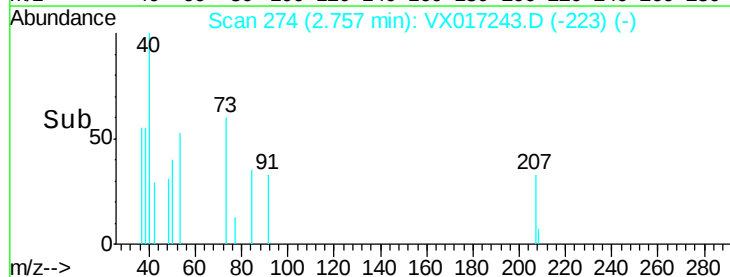
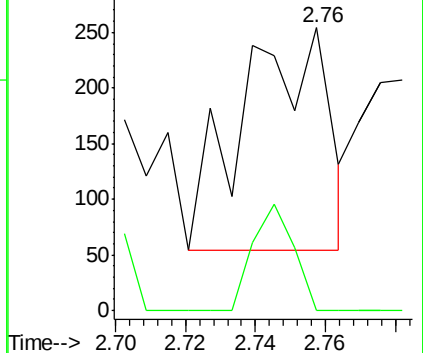
43 100

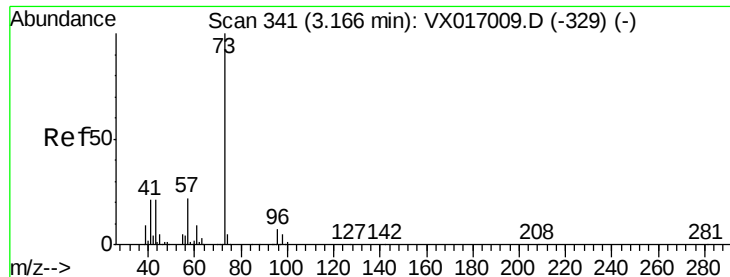
74 22.7 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether

Concen: 1.521 ug/l

RT: 3.17 min Scan# 341

Delta R.T. -0.00 min

Lab File: VX017243.D

Acq: 08 Jul 2020 09:17

Instrument :

MSVOA_X

ClientSampled :

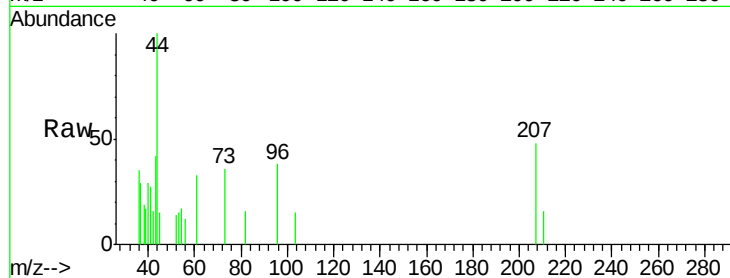
BFB

Tgt Ion: 73 Resp: 206

Ion Ratio Lower Upper

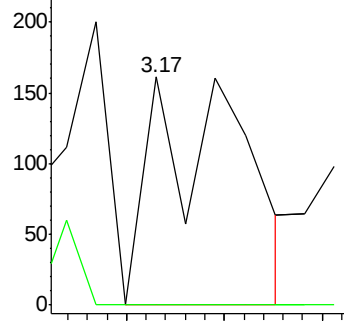
73 100

57 0.0 17.6 26.4#

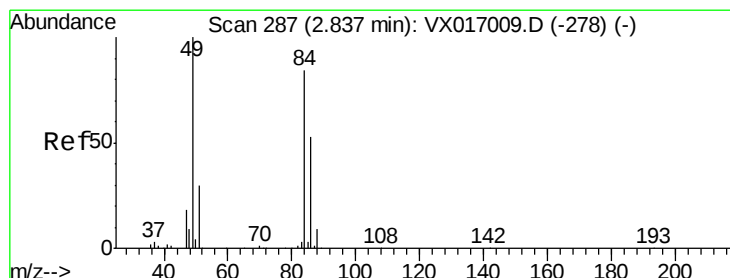
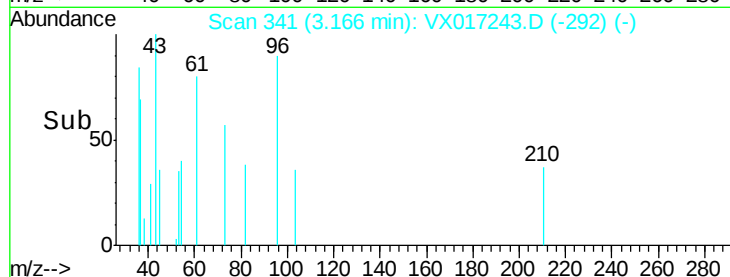


Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



Time-->



#20

Methylene Chloride

Concen: 30.554 ug/l

RT: 2.83 min Scan# 286

Delta R.T. -0.01 min

Lab File: VX017243.D

Acq: 08 Jul 2020 09:17

Tgt Ion: 84 Resp: 1331

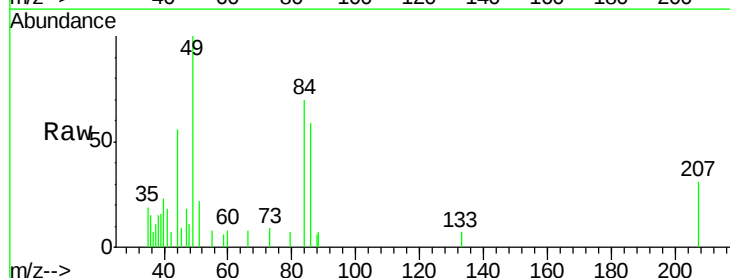
Ion Ratio Lower Upper

84 100

49 142.7 94.7 142.1#

51 21.4 28.6 42.8#

86 84.1 50.5 75.7#

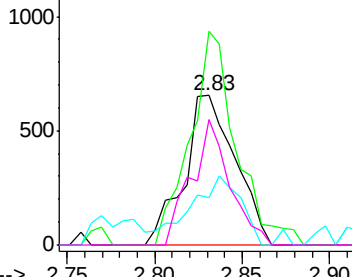


Abundance Ion 83.90 (83.60 to 84.60): VX0

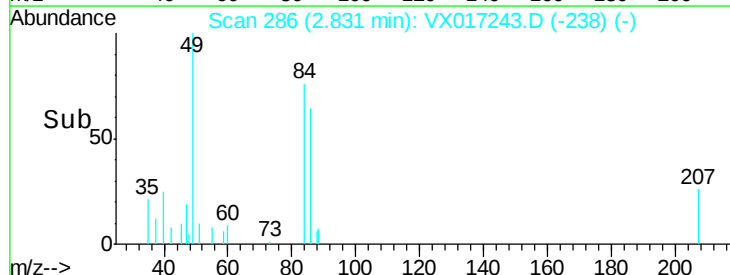
Ion 48.90 (48.60 to 49.60): VX0

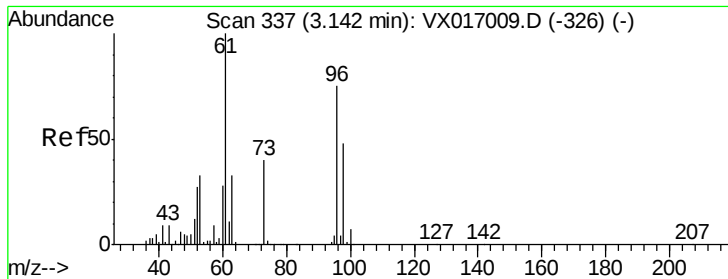
Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



Time-->





#21

trans-1,2-Dichloroethene

Concen: 18.247 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.01 min

Lab File: VX017243.D

Acq: 08 Jul 2020 09:17

Instrument :

MSVOA_X

ClientSampleId :

BFB

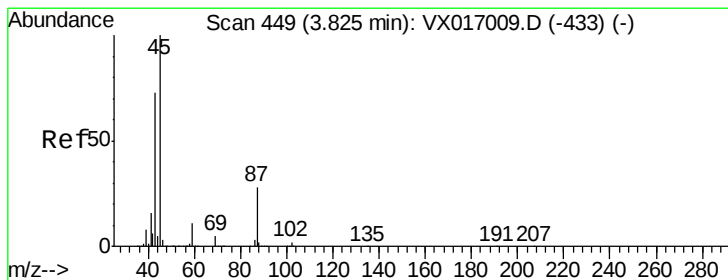
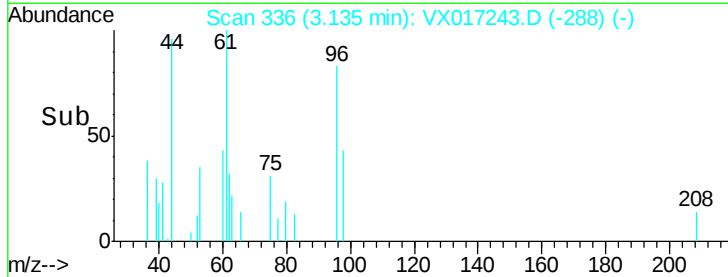
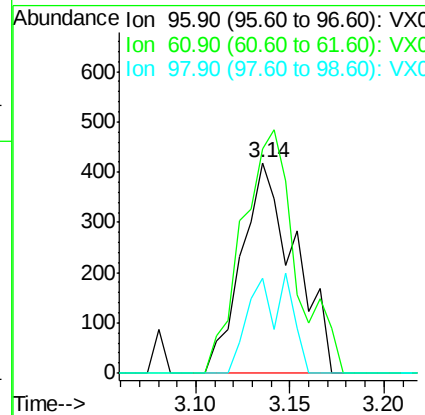
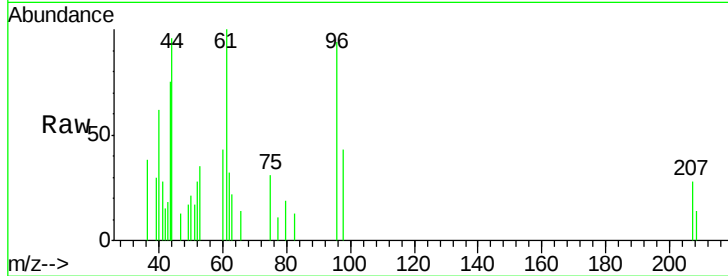
Tgt Ion: 96 Resp: 817

Ion Ratio Lower Upper

96 100

61 106.2 107.0 160.6#

98 45.3 51.6 77.4#



#22

Diisopropyl ether

Concen: 1.623 ug/l

RT: 3.81 min Scan# 447

Delta R.T. -0.01 min

Lab File: VX017243.D

Acq: 08 Jul 2020 09:17

Tgt Ion: 45 Resp: 224

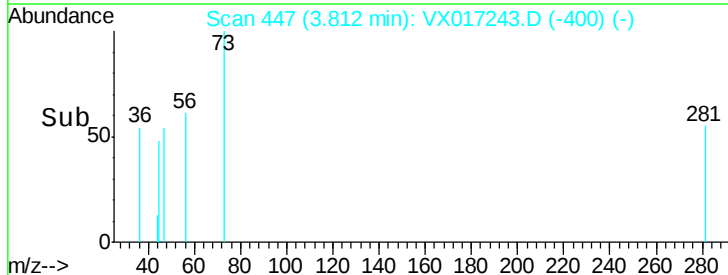
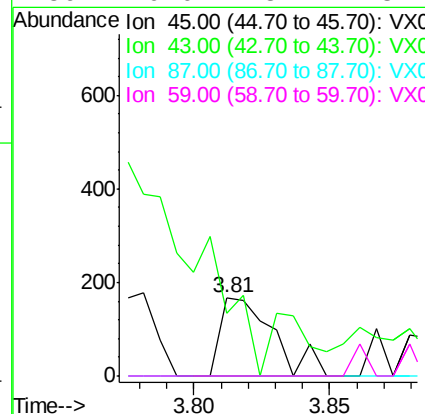
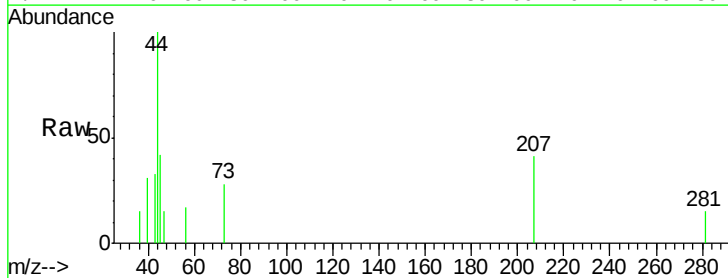
Ion Ratio Lower Upper

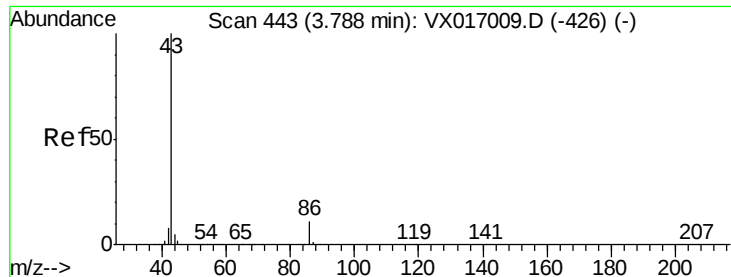
45 100

43 38.7 58.6 88.0#

87 0.0 22.6 34.0#

59 0.0 8.7 13.1#





#23

Vinyl Acetate

Concen: 9.385 ug/l

RT: 3.78 min Scan# 441

Delta R.T. -0.01 min

Lab File: VX017243.D

Acq: 08 Jul 2020 09:17

Instrument :

MSVOA_X

ClientSampleId :

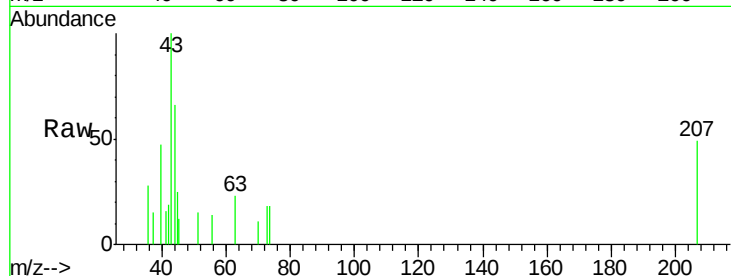
BFB

Tgt Ion: 43 Resp: 1113

Ion Ratio Lower Upper

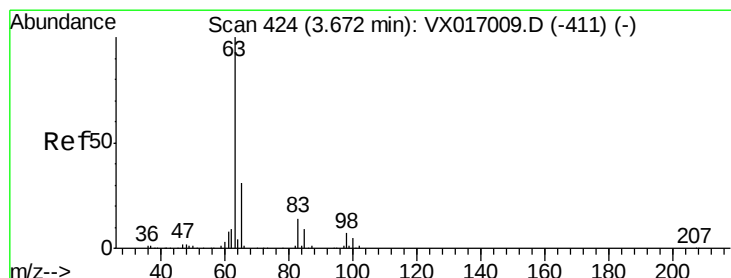
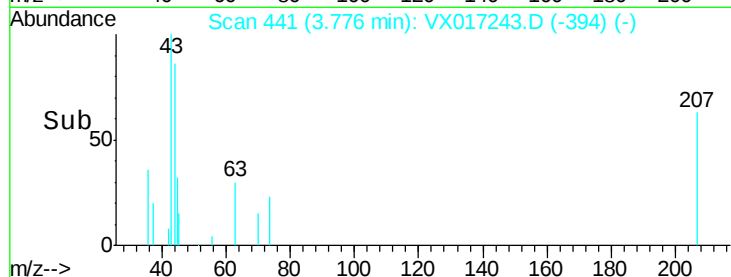
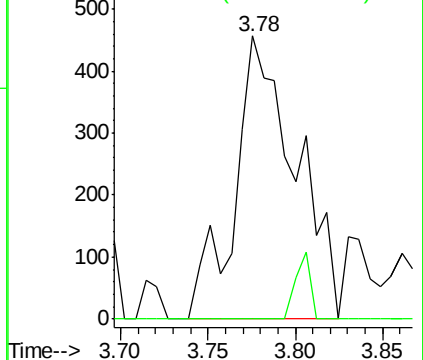
43 100

86 0.0 8.6 13.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 2.458 ug/l

RT: 3.65 min Scan# 421

Delta R.T. -0.02 min

Lab File: VX017243.D

Acq: 08 Jul 2020 09:17

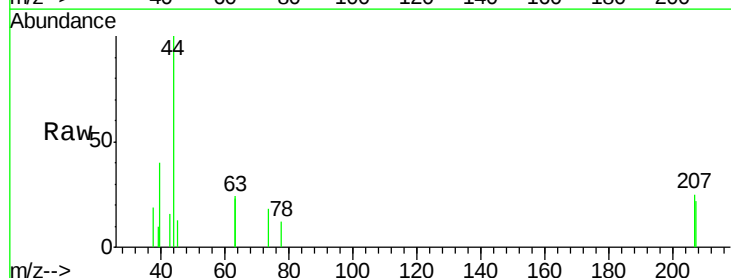
Tgt Ion: 63 Resp: 193

Ion Ratio Lower Upper

63 100

98 0.0 3.6 10.8#

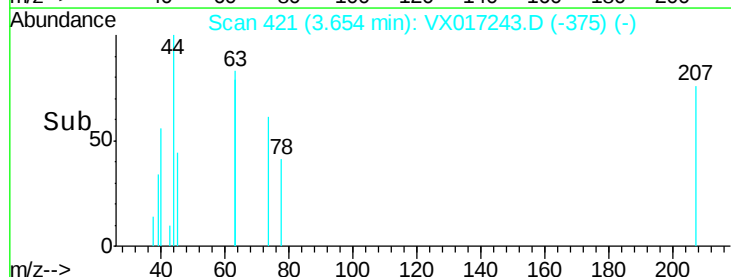
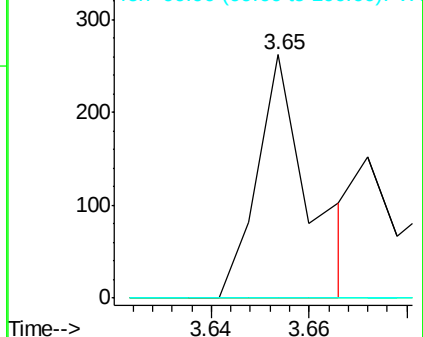
100 0.0 2.4 7.1#

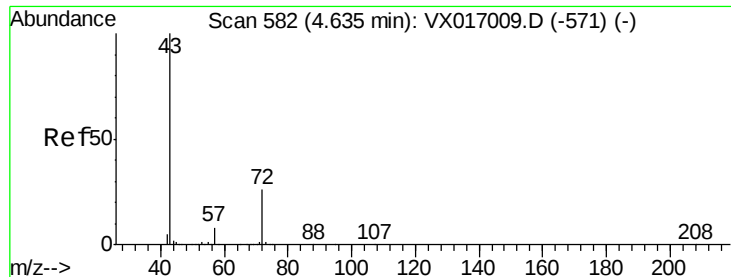


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 17.232 ug/l

RT: 4.65 min Scan# 585

Delta R.T. 0.02 min

Lab File: VX017243.D

Acq: 08 Jul 2020 09:17

Instrument :

MSVOA_X

ClientSampled :

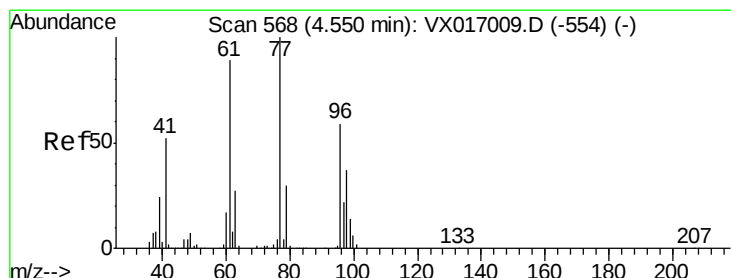
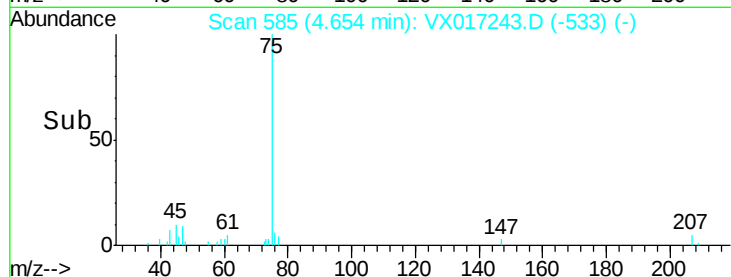
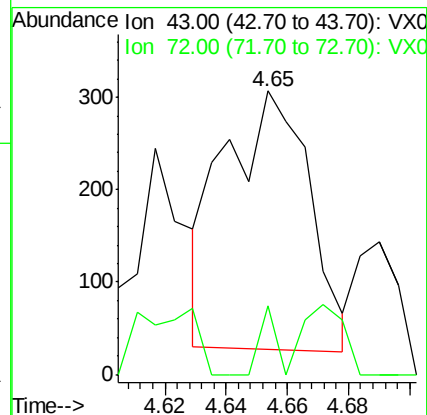
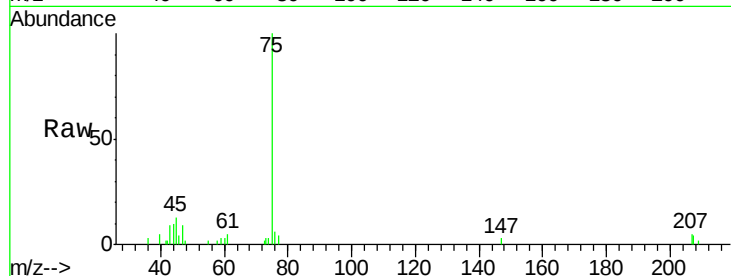
BFB

Tgt Ion: 43 Resp: 540

Ion Ratio Lower Upper

43 100

72 6.2 20.8 31.2#



#26

2,2-Dichloropropane

Concen: 0.674 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX017243.D

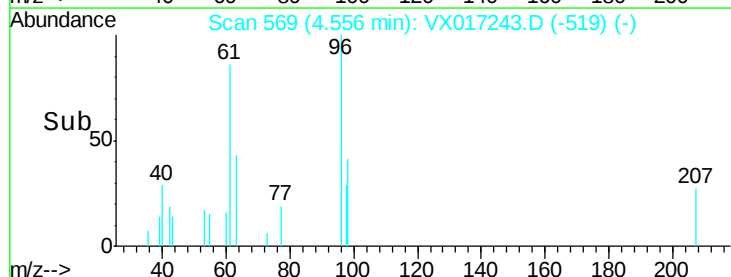
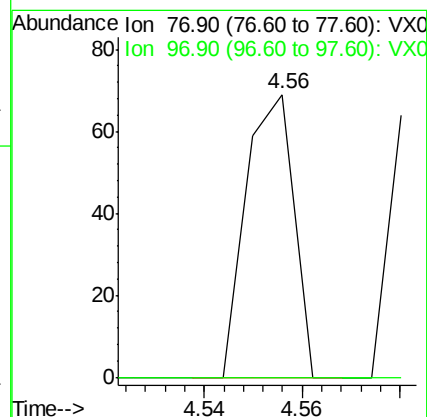
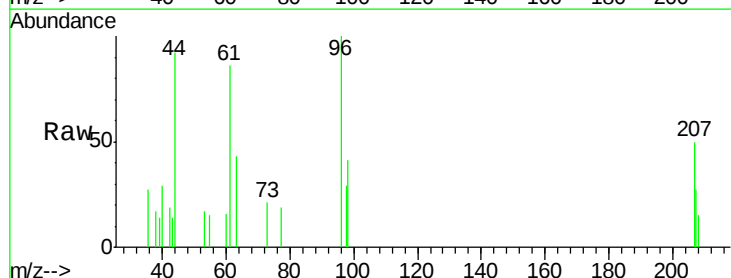
Acq: 08 Jul 2020 09:17

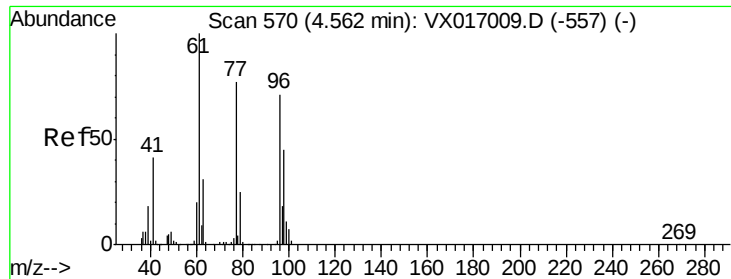
Tgt Ion: 77 Resp: 47

Ion Ratio Lower Upper

77 100

97 0.0 11.4 34.2#



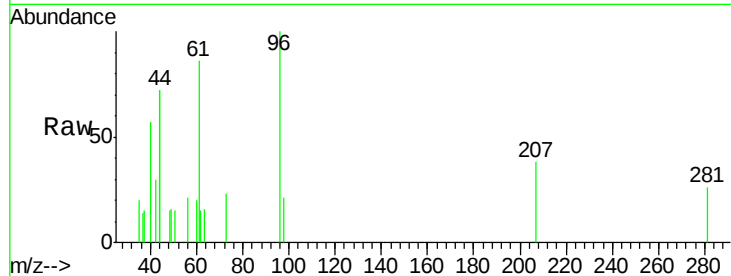


#27

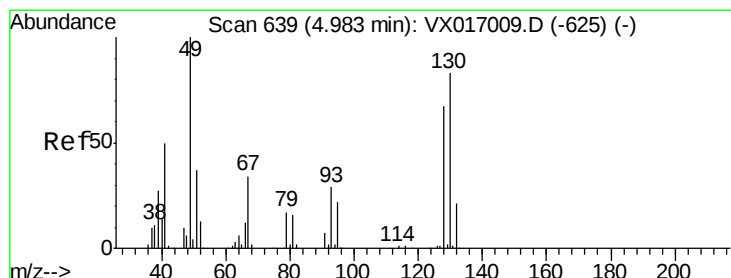
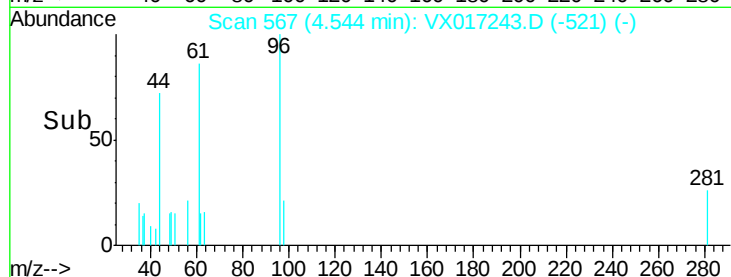
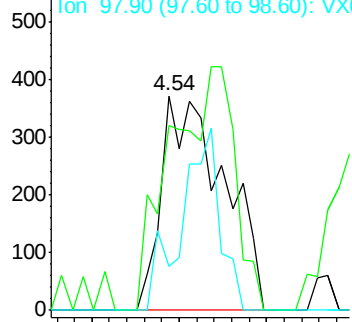
cis-1,2-Dichloroethene
 Concen: 18.214 ug/l
 RT: 4.54 min Scan# 567
 Delta R.T. -0.02 min
 Lab File: VX017243.D
 Acq: 08 Jul 2020 09:17

Instrument :
 MSVOA_X
 ClientSampled :
 BFB

Tgt Ion: 96 Resp: 924
 Ion Ratio Lower Upper
 96 100
 61 0.0 0.0 282.8
 98 0.0 0.0 127.6



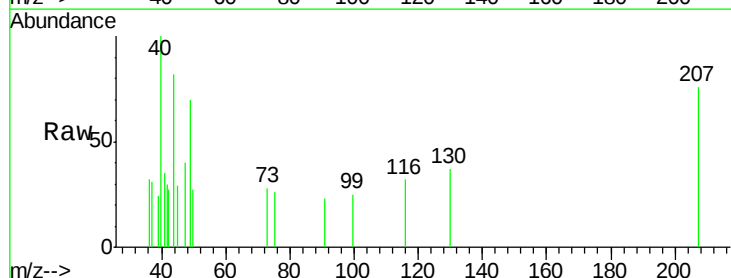
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



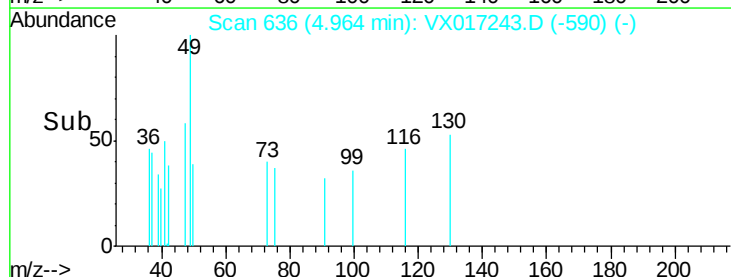
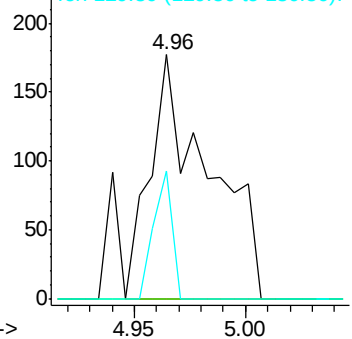
#28

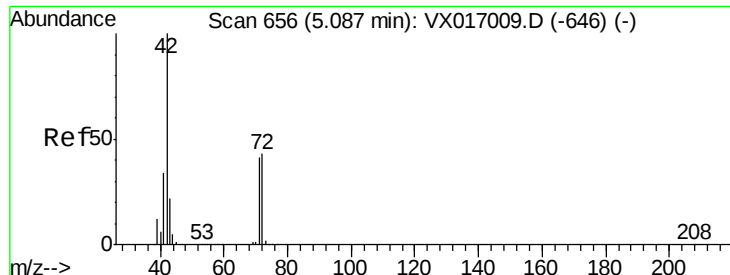
Bromochloromethane
 Concen: 8.505 ug/l
 RT: 4.96 min Scan# 636
 Delta R.T. -0.02 min
 Lab File: VX017243.D
 Acq: 08 Jul 2020 09:17

Tgt Ion: 49 Resp: 325
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.2
 130 16.3 66.6 100.0#



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

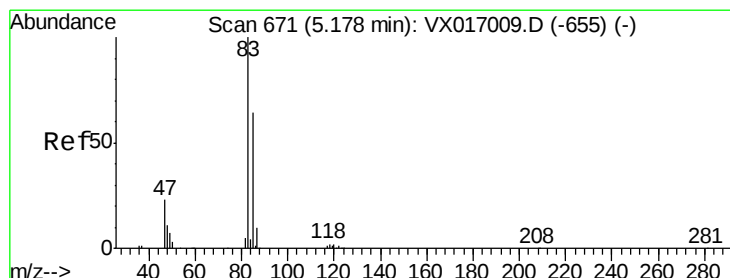
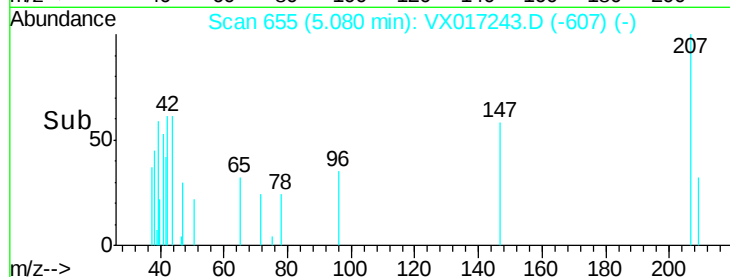
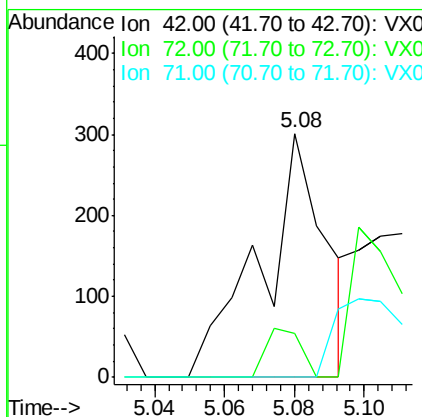
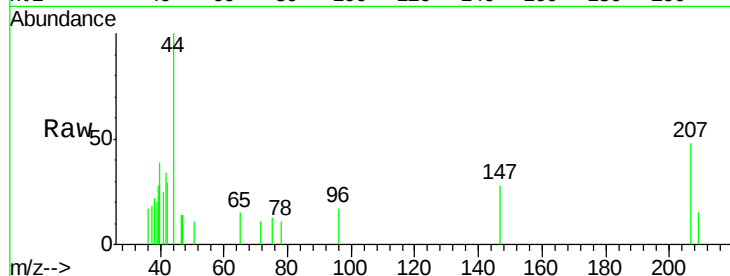




#29
Tetrahydrofuran
Concen: 18.498 ug/l
RT: 5.08 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX017243.D
Acq: 08 Jul 2020 09:17

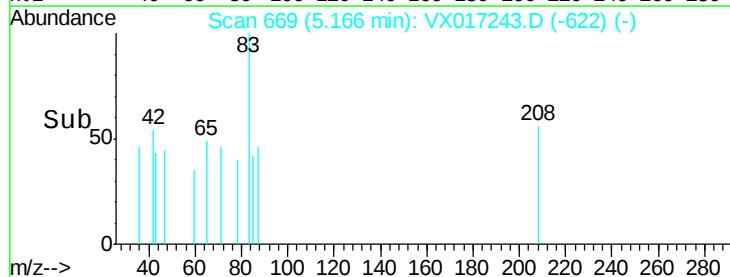
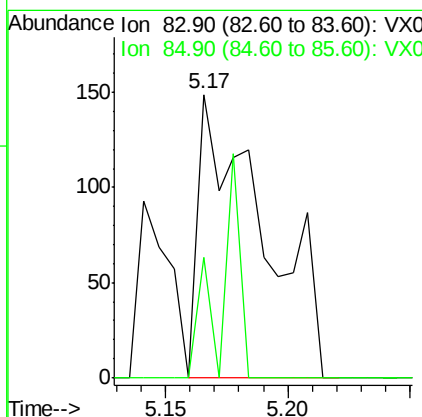
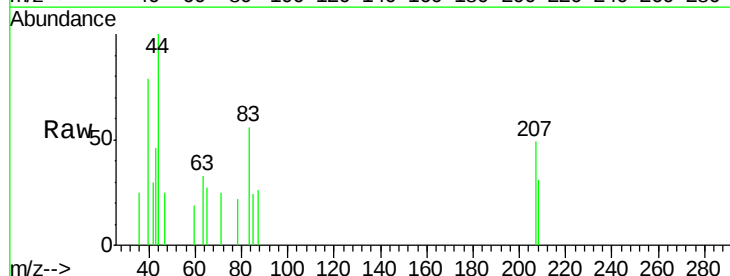
Instrument :
MSVOA_X
ClientSampled :
BFB

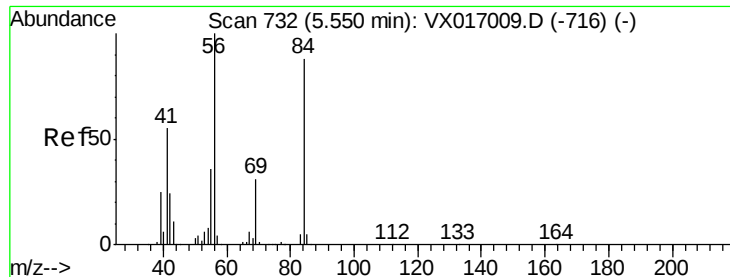
Tgt Ion: 42 Resp: 383
Ion Ratio Lower Upper
42 100
72 11.0 35.3 52.9#
71 0.0 33.1 49.7#



#30
Chloroform
Concen: 3.367 ug/l
RT: 5.17 min Scan# 669
Delta R.T. -0.01 min
Lab File: VX017243.D
Acq: 08 Jul 2020 09:17

Tgt Ion: 83 Resp: 271
Ion Ratio Lower Upper
83 100
85 42.3 51.4 77.2#

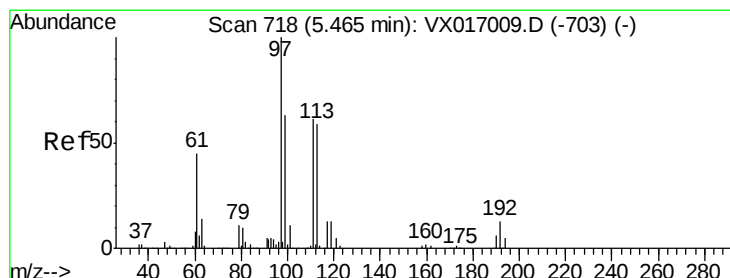
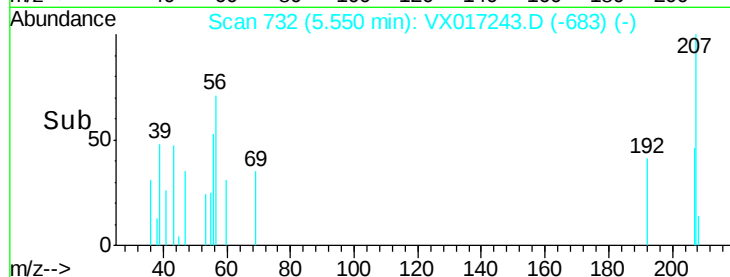
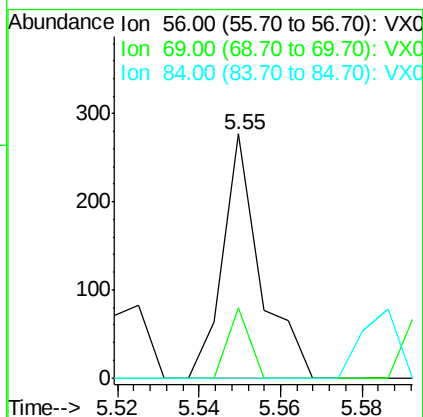
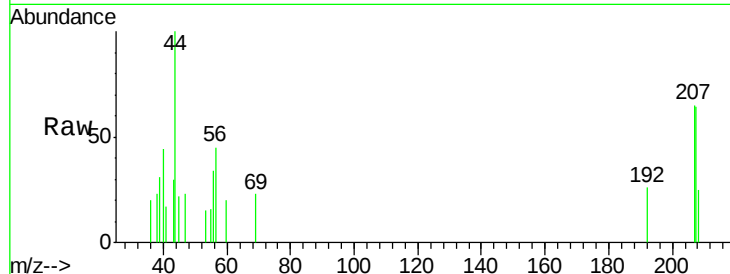




#31
Cyclohexane
Concen: 2.593 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX017243.D
Acq: 08 Jul 2020 09:17

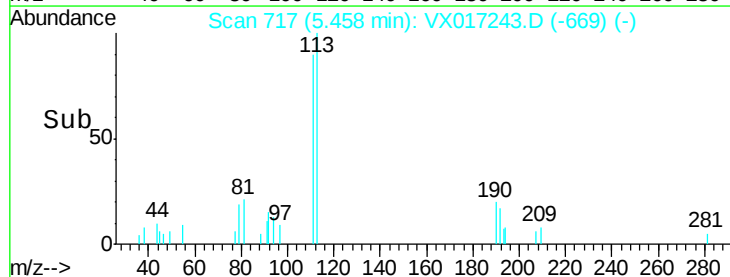
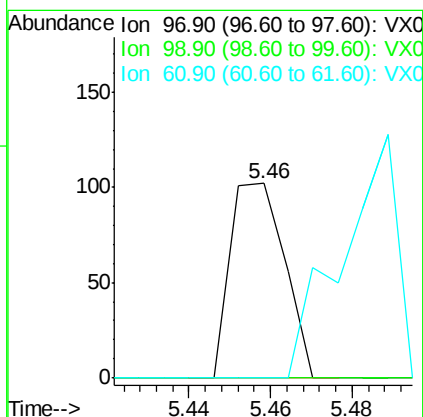
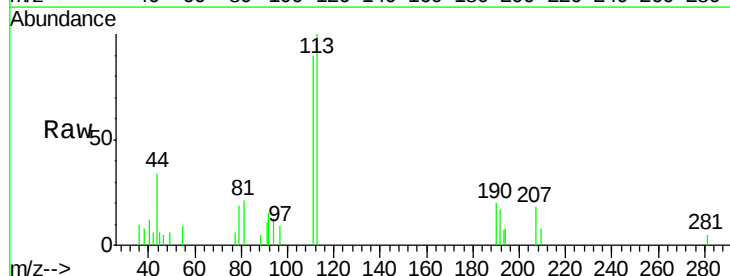
Instrument :
MSVOA_X
ClientSampled :
BFB

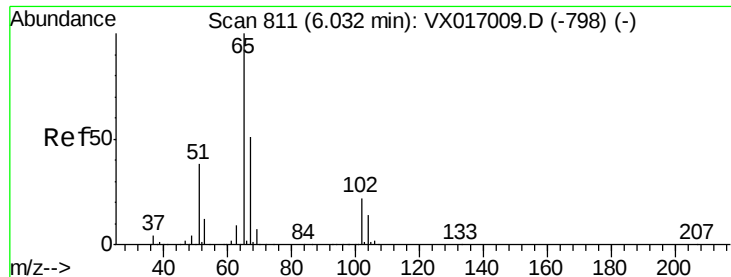
Tgt Ion: 56 Resp: 176
Ion Ratio Lower Upper
56 100
69 28.5 25.0 37.4
84 0.0 69.1 103.7#



#32
1,1,1-Trichloroethane
Concen: 1.282 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX017243.D
Acq: 08 Jul 2020 09:17

Tgt Ion: 97 Resp: 95
Ion Ratio Lower Upper
97 100
99 0.0 50.8 76.2#
61 0.0 33.7 50.5#





#33

1,2-Dichloroethane-d4

Concen: 95.458 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX017243.D

Acq: 08 Jul 2020 09:17

Instrument :

MSVOA_X

ClientSampleId :

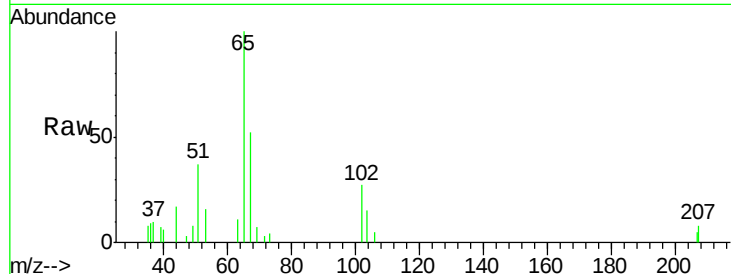
BFB

Tgt Ion: 65 Resp: 4799

Ion Ratio Lower Upper

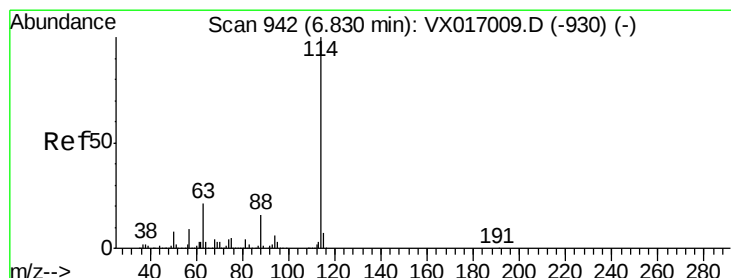
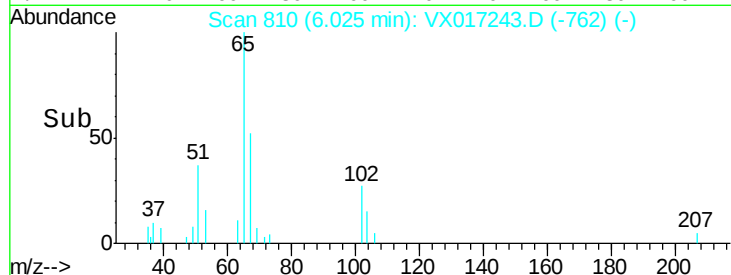
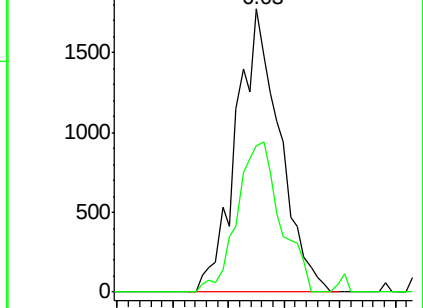
65 100

67 52.9 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.82 min Scan# 941

Delta R.T. -0.01 min

Lab File: VX017243.D

Acq: 08 Jul 2020 09:17

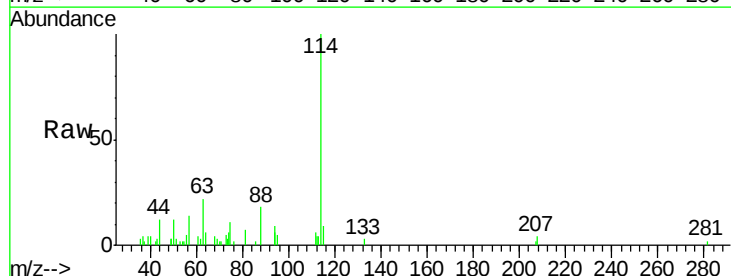
Tgt Ion: 114 Resp: 7279

Ion Ratio Lower Upper

114 100

63 21.9 0.0 41.4

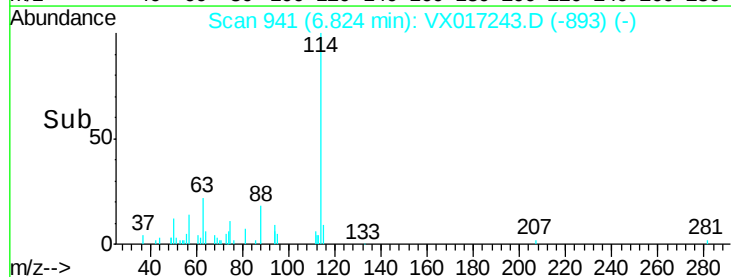
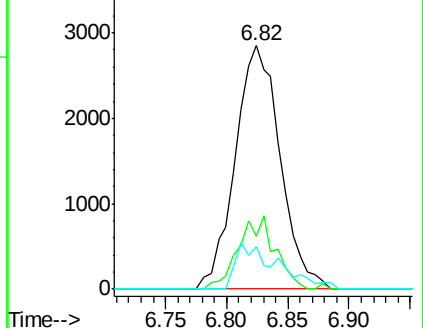
88 17.7 0.0 32.4

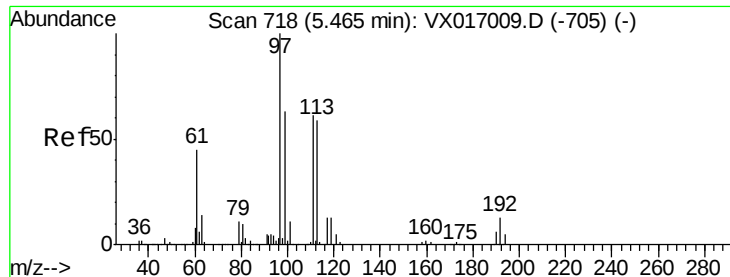


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

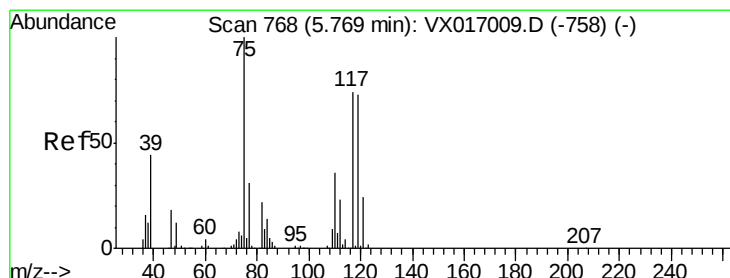
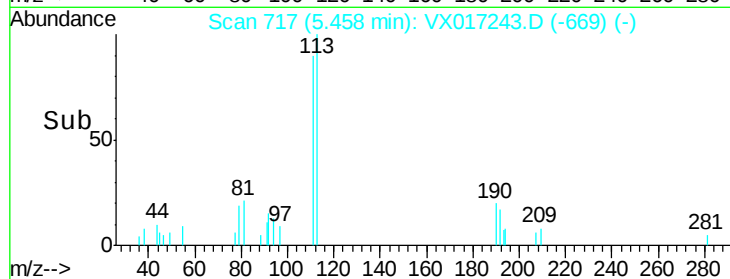
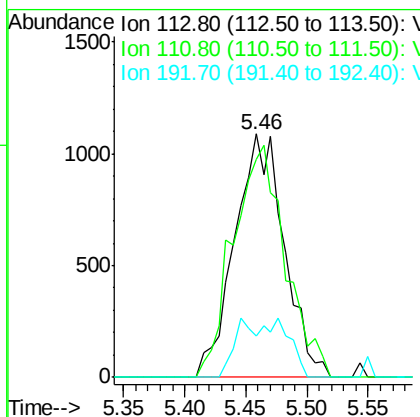
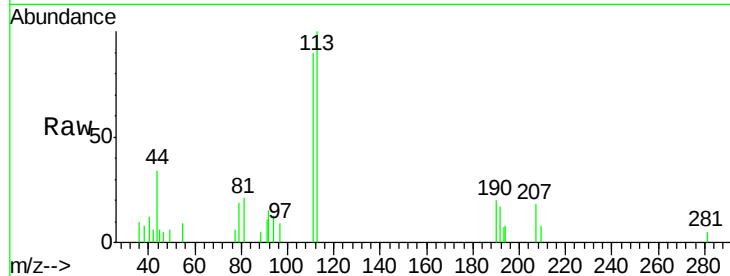




#35
 Dibromofluoromethane
 Concen: 66.392 ug/l
 RT: 5.46 min Scan# 717
 Delta R.T. -0.01 min
 Lab File: VX017243.D
 Acq: 08 Jul 2020 09:17

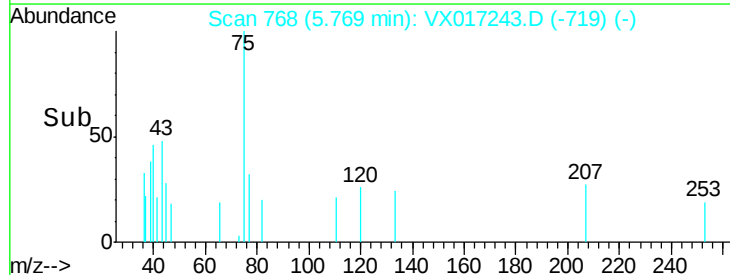
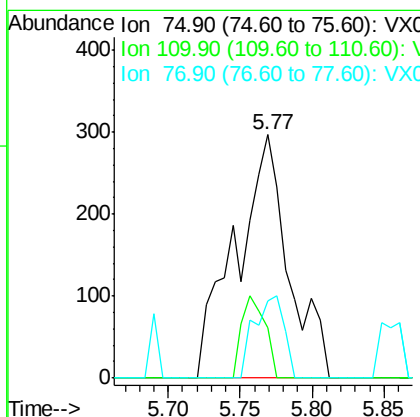
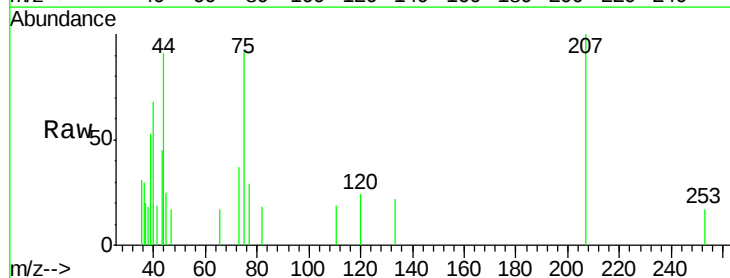
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

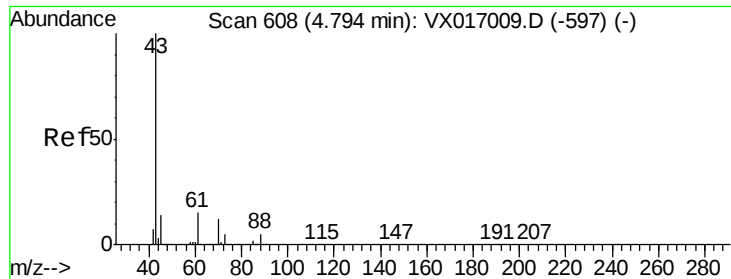
Tgt Ion: 113 Resp: 3057
 Ion Ratio Lower Upper
 113 100
 111 100.7 81.9 122.9
 192 10.3 16.7 25.1#



#36
 1,1-Dichloropropene
 Concen: 10.931 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX017243.D
 Acq: 08 Jul 2020 09:17

Tgt Ion: 75 Resp: 752
 Ion Ratio Lower Upper
 75 100
 110 15.0 18.1 54.1#
 77 18.9 24.6 37.0#

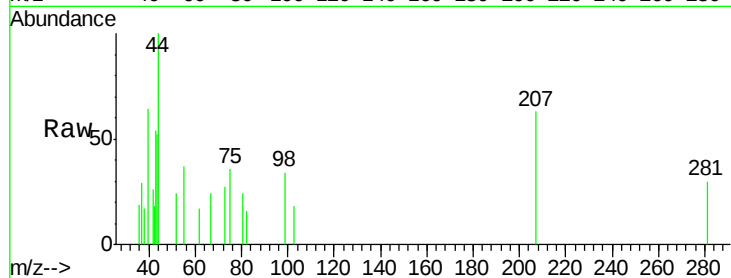




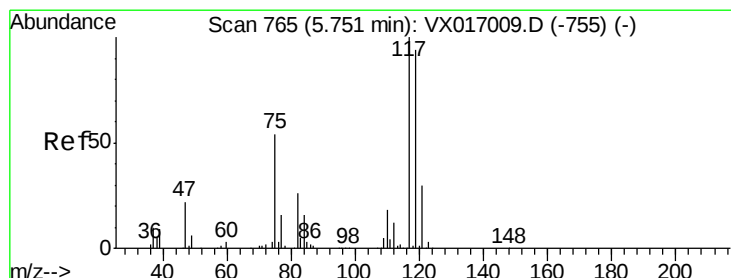
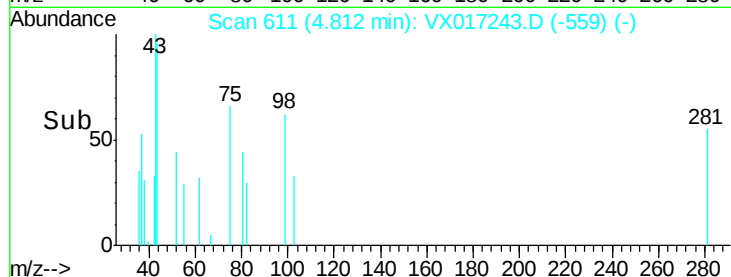
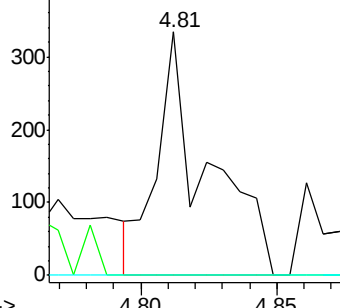
#37
Ethyl Acetate
Concen: 6.060 ug/l
RT: 4.81 min Scan# 611
Delta R.T. 0.02 min
Lab File: VX017243.D
Acq: 08 Jul 2020 09:17

Instrument :
MSVOA_X
ClientSampled :
BFB

Tgt Ion: 43 Resp: 423
Ion Ratio Lower Upper
43 100
61 0.0 11.0 16.4#
70 0.0 8.9 13.3#

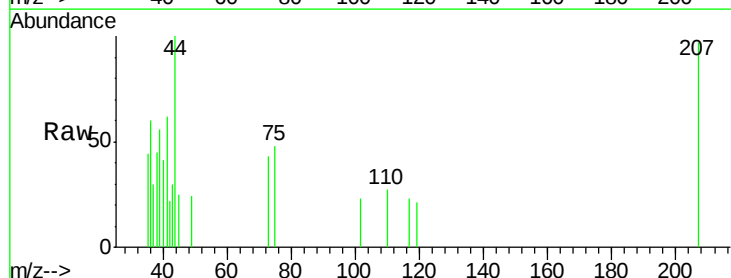


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

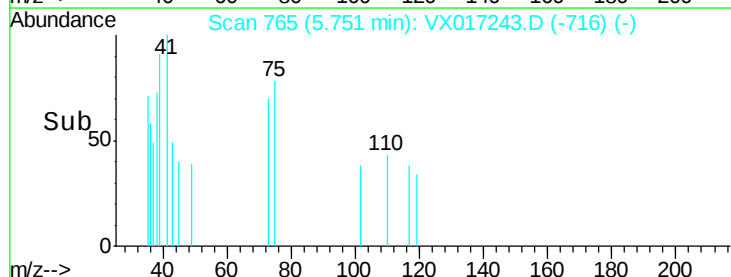
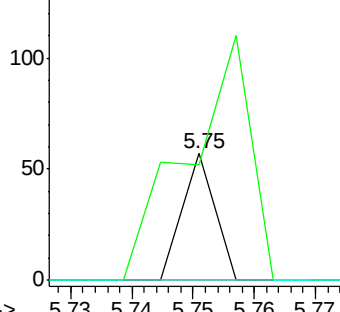


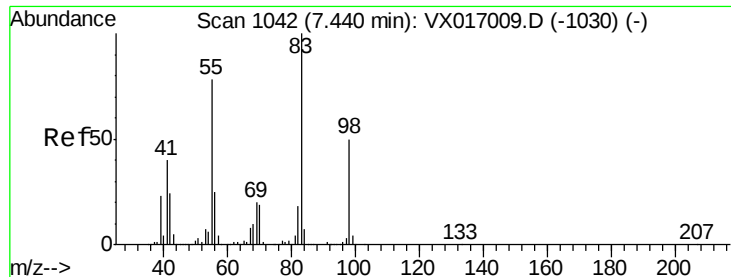
#38
Carbon Tetrachloride
Concen: 0.277 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX017243.D
Acq: 08 Jul 2020 09:17

Tgt Ion: 117 Resp: 21
Ion Ratio Lower Upper
117 100
119 91.2 75.4 113.0
121 0.0 23.8 35.6#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

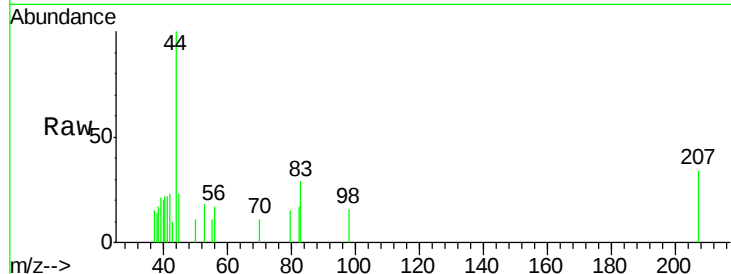




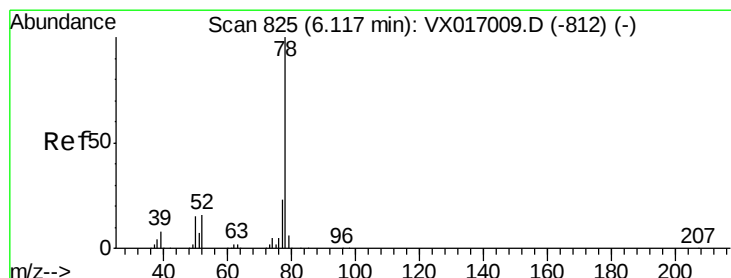
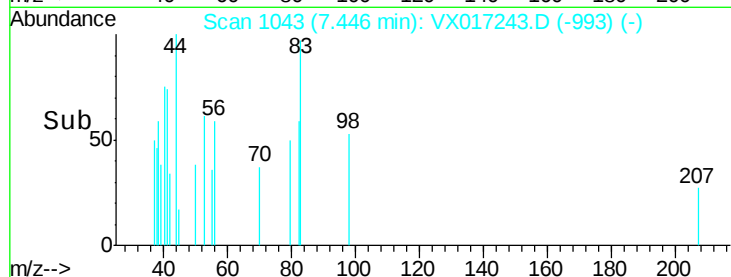
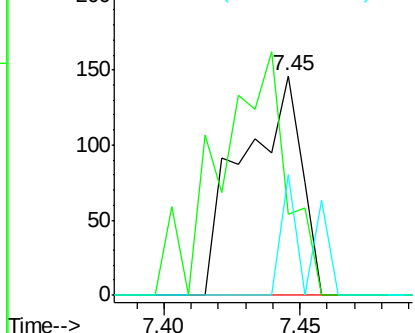
#39
Methylcyclohexane
Concen: 2.861 ug/l
RT: 7.45 min Scan# 1043
Delta R.T. 0.01 min
Lab File: VX017243.D
Acq: 08 Jul 2020 09:17

Instrument :
MSVOA_X
ClientSampled :
BFB

Tgt Ion: 83 Resp: 219
Ion Ratio Lower Upper
83 100
55 37.0 62.5 93.7#
98 54.8 40.1 60.1

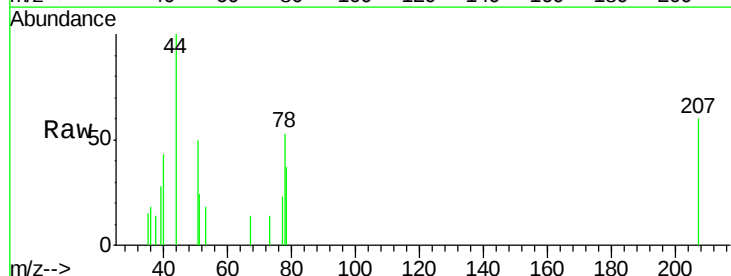


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

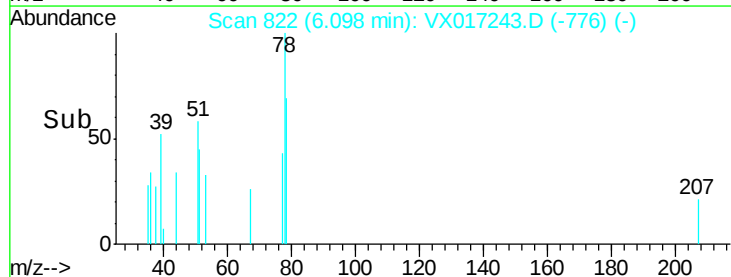
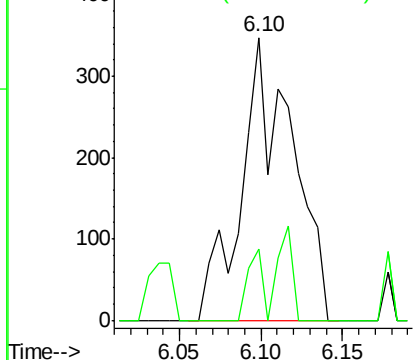


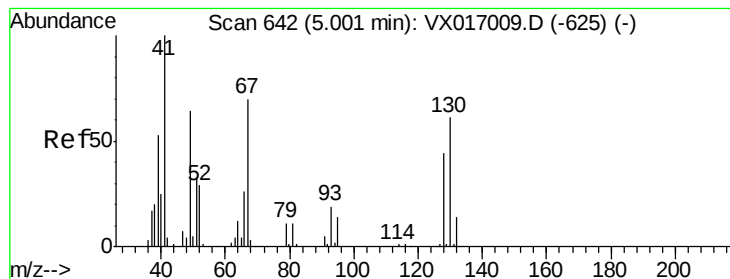
#40
Benzene
Concen: 3.775 ug/l
RT: 6.10 min Scan# 822
Delta R.T. -0.02 min
Lab File: VX017243.D
Acq: 08 Jul 2020 09:17

Tgt Ion: 78 Resp: 763
Ion Ratio Lower Upper
78 100
77 25.3 18.3 27.5



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 5.218 ug/l

RT: 4.98 min Scan# 639

Delta R.T. -0.02 min

Lab File: VX017243.D

Acq: 08 Jul 2020 09:17

Instrument :

MSVOA_X

ClientSampled :

BFB

Tgt Ion: 41 Resp: 205

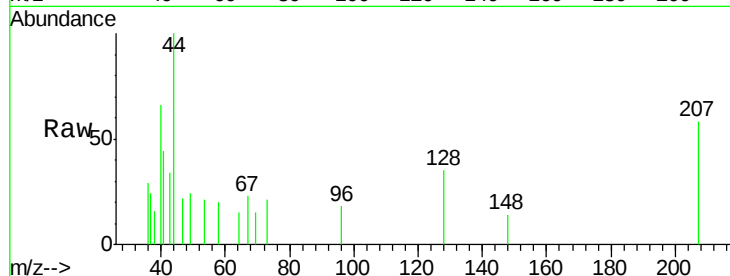
Ion Ratio Lower Upper

41 100

39 0.0 44.4 66.6#

67 26.8 57.1 85.7#

52 10.7 23.2 34.8#

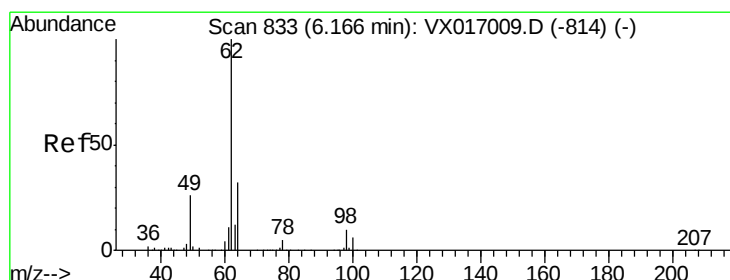
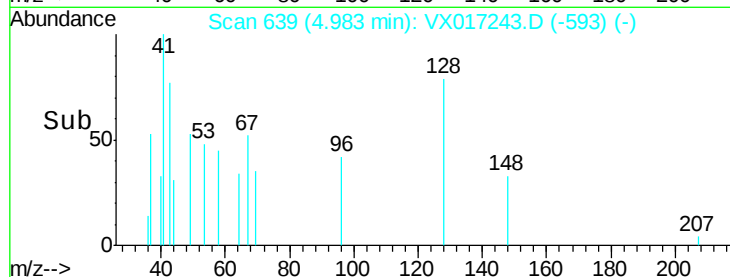
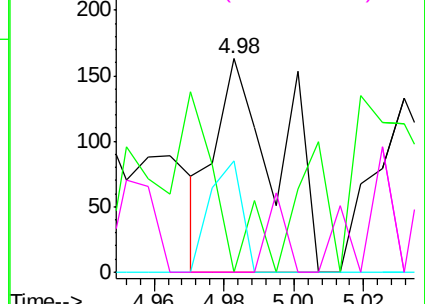


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 5.451 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX017243.D

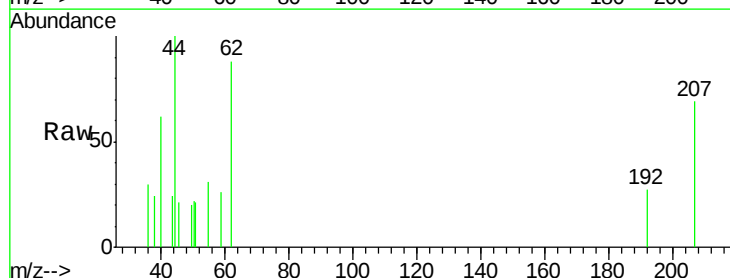
Acq: 08 Jul 2020 09:17

Tgt Ion: 62 Resp: 398

Ion Ratio Lower Upper

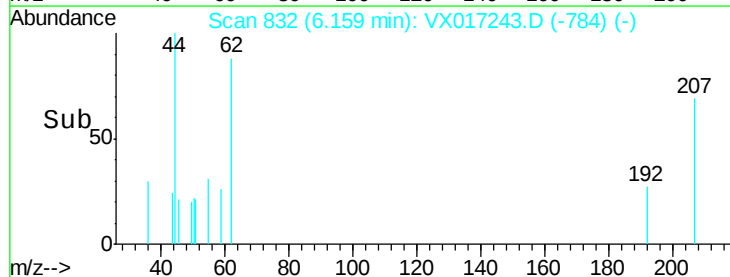
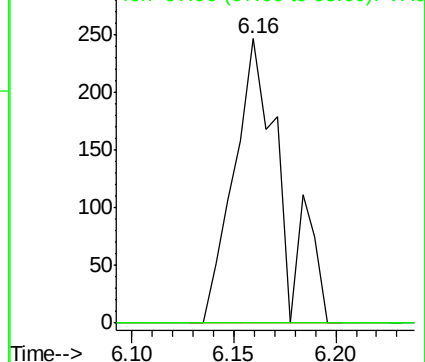
62 100

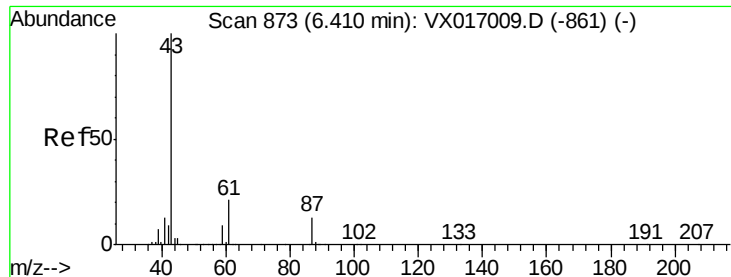
98 0.0 0.0 19.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 2.440 ug/l

RT: 6.40 min Scan# 872

Delta R.T. -0.01 min

Lab File: VX017243.D

Acq: 08 Jul 2020 09:17

Instrument :

MSVOA_X

ClientSampleId :

BFB

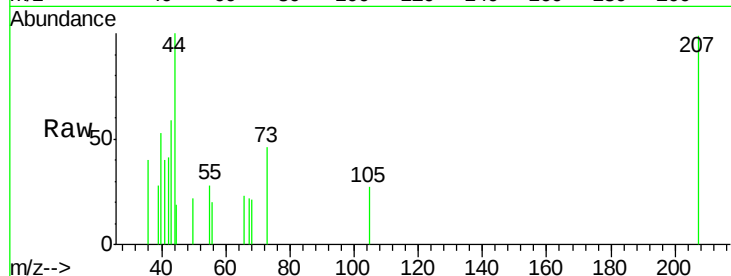
Tgt Ion: 43 Resp: 283

Ion Ratio Lower Upper

43 100

61 7.8 16.2 24.2#

87 0.0 10.7 16.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

6.40

150

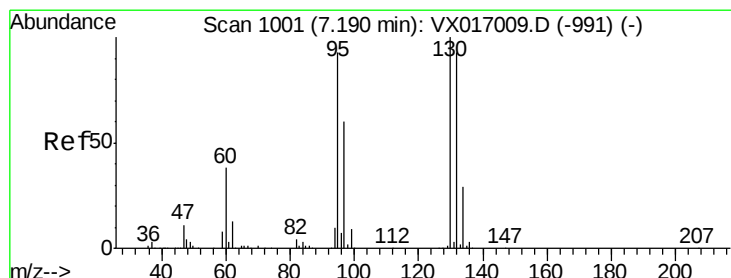
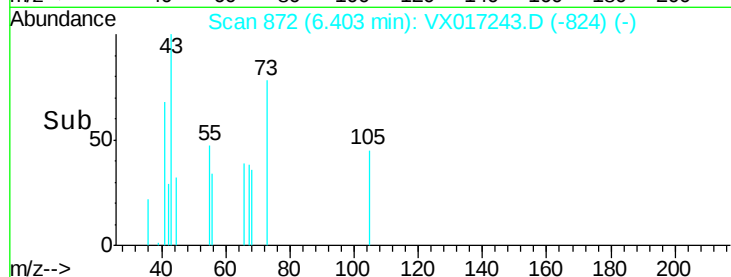
100

50

0

6.34 6.36 6.38 6.40 6.42

Time-->



#44

Trichloroethene

Concen: 19.641 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX017243.D

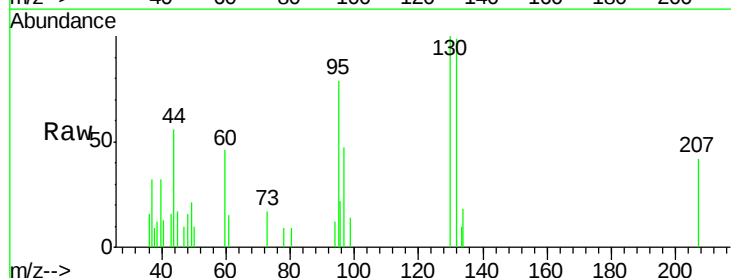
Acq: 08 Jul 2020 09:17

Tgt Ion: 130 Resp: 1106

Ion Ratio Lower Upper

130 100

95 79.0 0.0 185.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.19

600

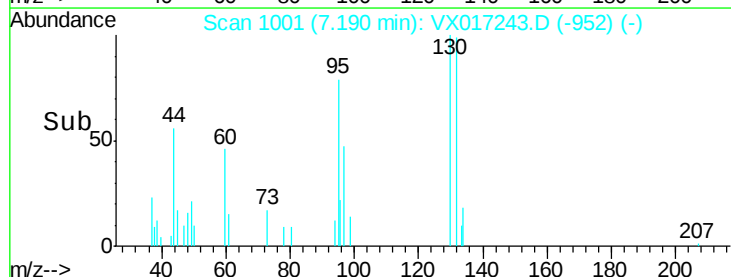
400

200

0

7.15 7.20 7.25

Time-->

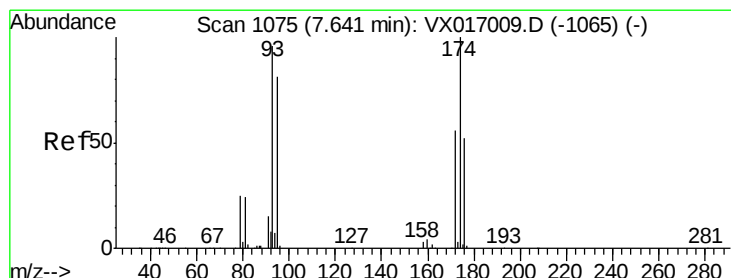
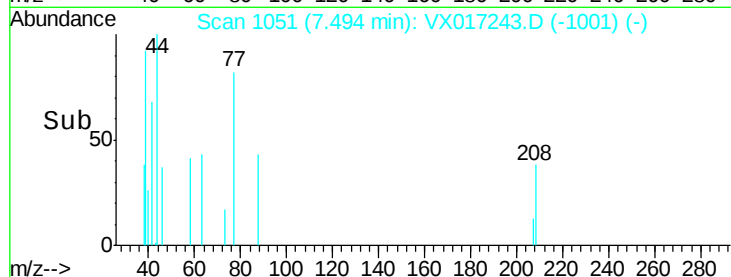
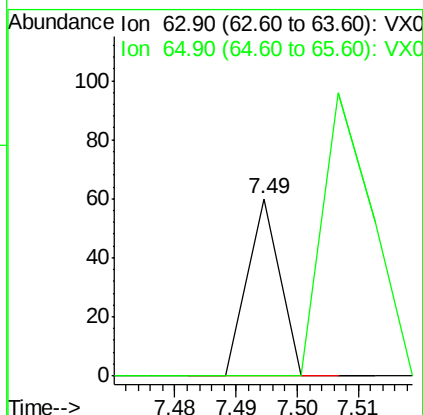
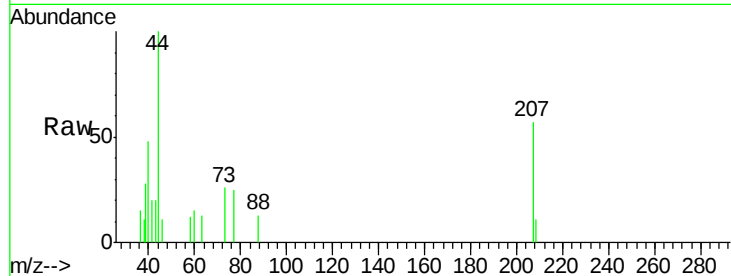




#45
 1,2-Dichloropropane
 Concen: 0.424 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VX017243.D
 Acq: 08 Jul 2020 09:17

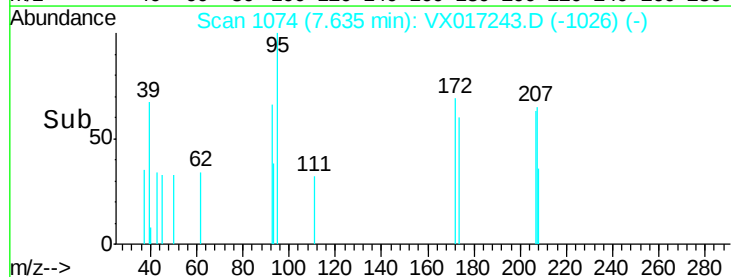
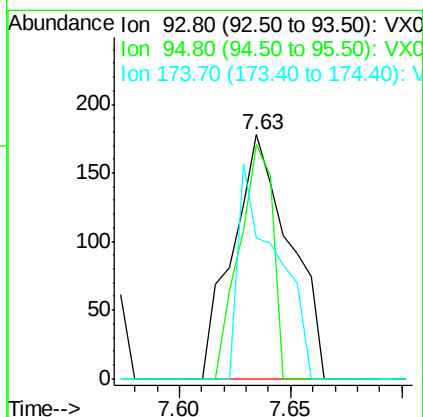
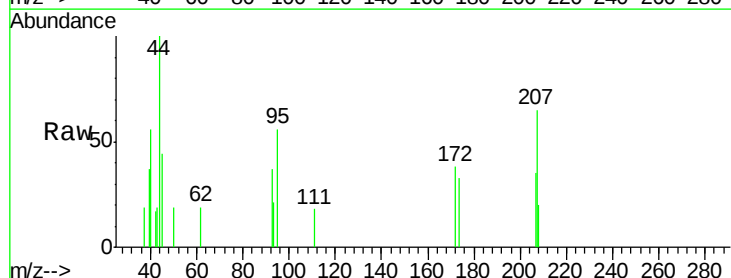
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

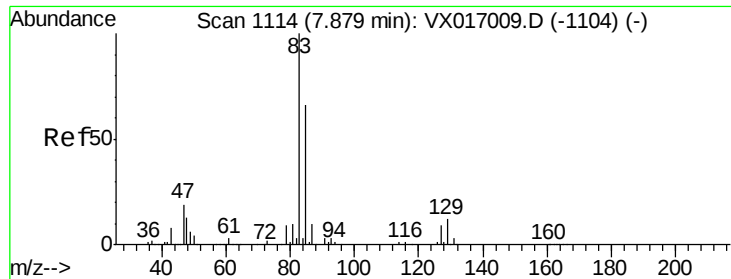
Tgt Ion: 63 Resp: 22
 Ion Ratio Lower Upper
 63 100
 65 0.0 24.6 36.8#



#46
 Dibromomethane
 Concen: 8.944 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX017243.D
 Acq: 08 Jul 2020 09:17

Tgt Ion: 93 Resp: 317
 Ion Ratio Lower Upper
 93 100
 95 56.8 67.4 101.0#
 174 59.0 84.3 126.5#





#47

Bromodichloromethane

Concen: 2.190 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017243.D

Acq: 08 Jul 2020 09:17

Instrument :

MSVOA_X

ClientSampleId :

BFB

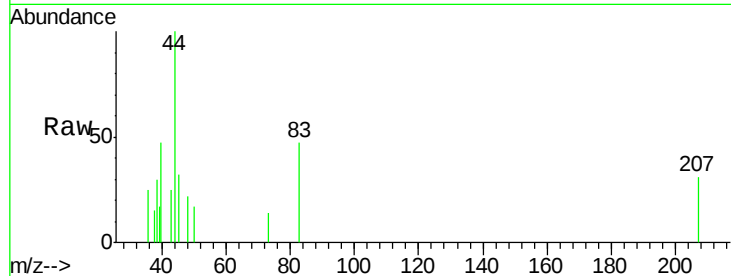
Tgt Ion: 83 Resp: 160

Ion Ratio Lower Upper

83 100

85 0.0 53.0 79.4#

127 0.0 7.5 11.3#

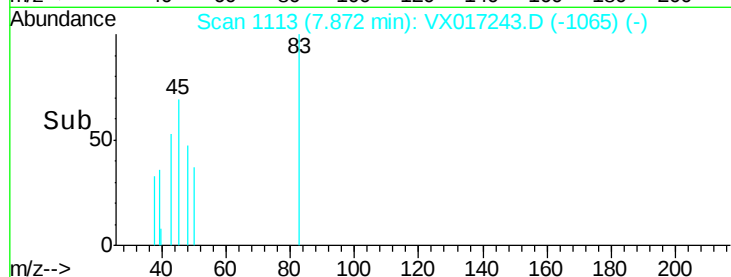


Abundance Ion 82.90 (82.60 to 83.60): VX0

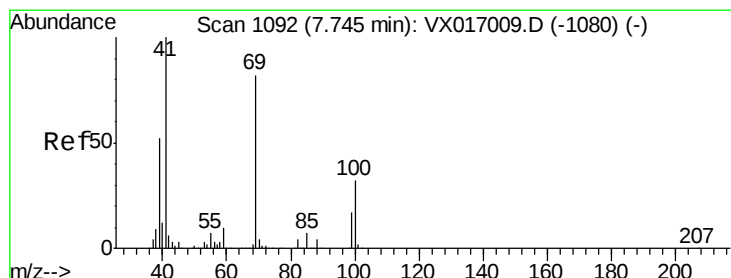
Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V

Time-->



Time-->



#48

Methyl methacrylate

Concen: 2.123 ug/l

RT: 7.73 min Scan# 1089

Delta R.T. -0.02 min

Lab File: VX017243.D

Acq: 08 Jul 2020 09:17

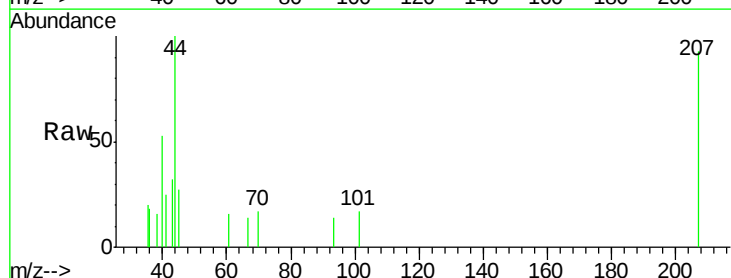
Tgt Ion: 41 Resp: 117

Ion Ratio Lower Upper

41 100

69 0.0 65.8 98.8#

39 35.0 42.5 63.7#

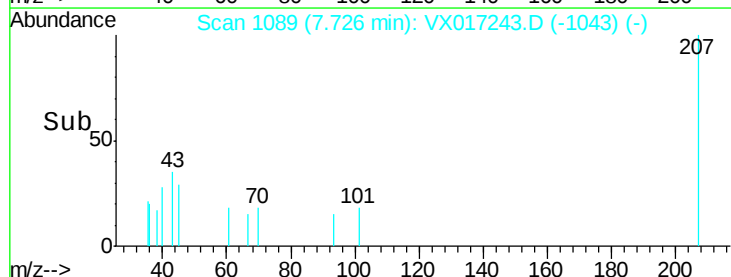


Abundance Ion 41.00 (40.70 to 41.70): VX0

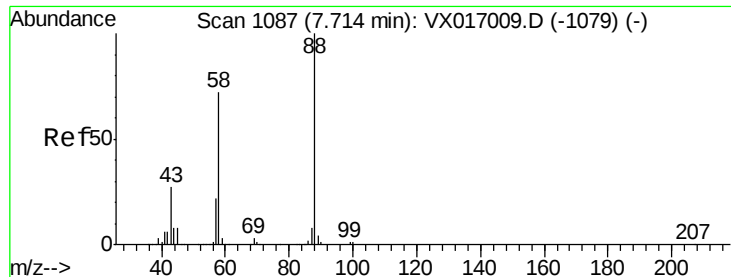
Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Time-->



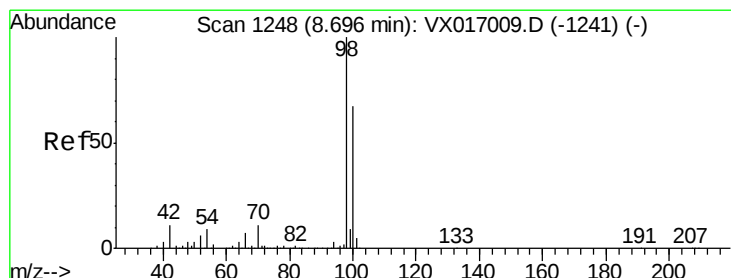
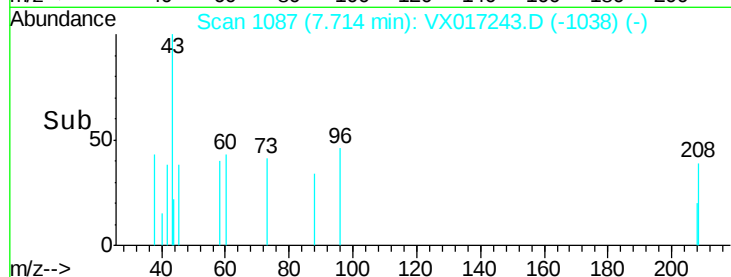
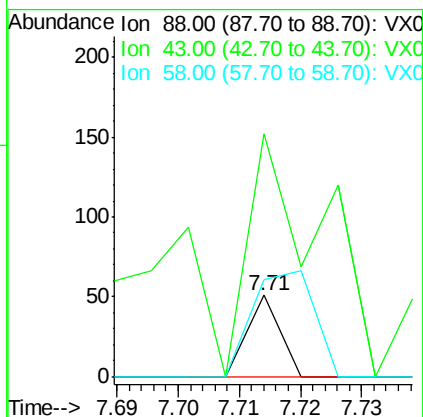
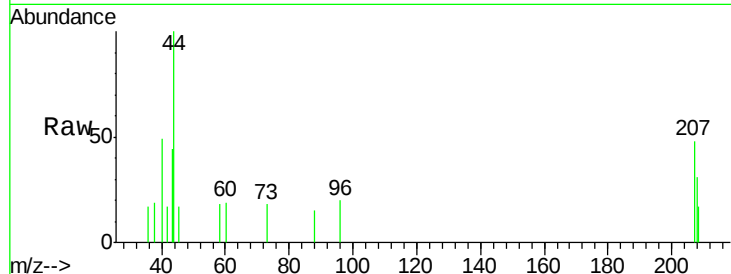
Time-->



#49
1,4-Dioxane
Concen: 15.220 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017243.D
Acq: 08 Jul 2020 09:17

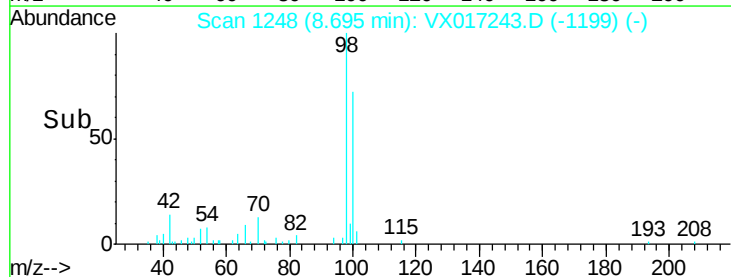
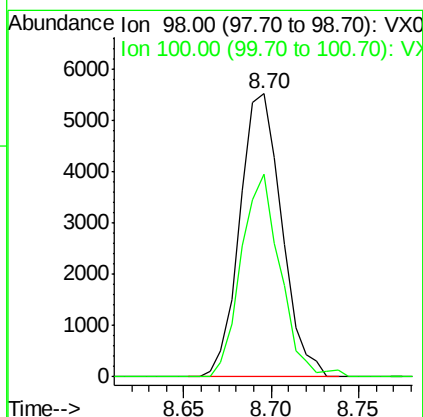
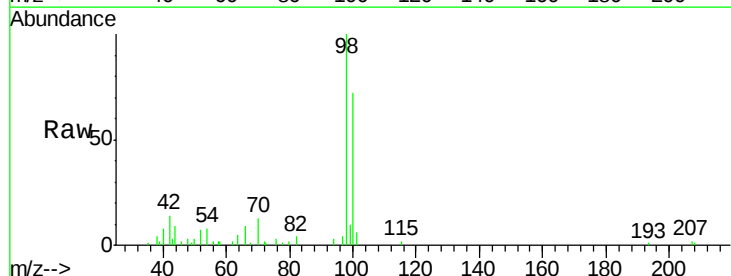
Instrument :
MSVOA_X
ClientSampled :
BFB

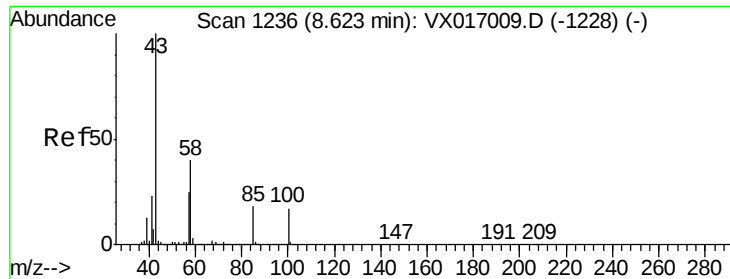
Tgt Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 657.9 25.8 38.8#
58 242.1 54.8 82.2#



#50
Toluene-d8
Concen: 54.139 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017243.D
Acq: 08 Jul 2020 09:17

Tgt Ion: 98 Resp: 9218
Ion Ratio Lower Upper
98 100
100 66.9 53.8 80.6

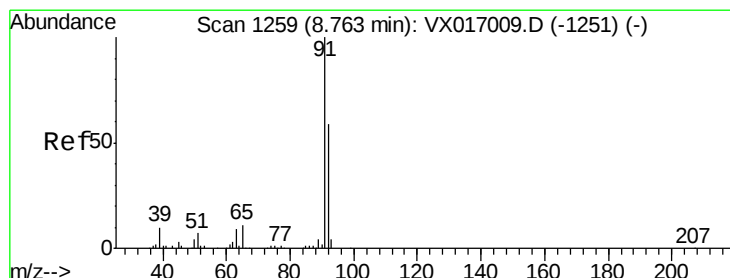
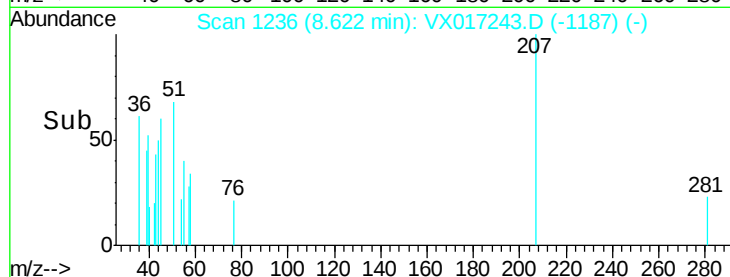
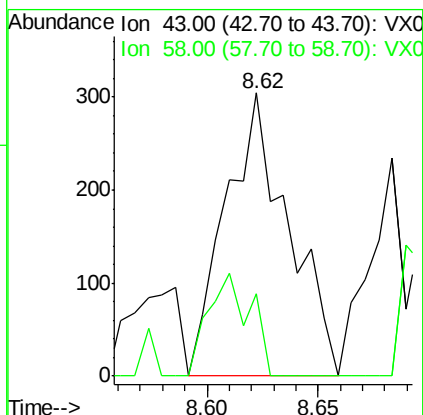
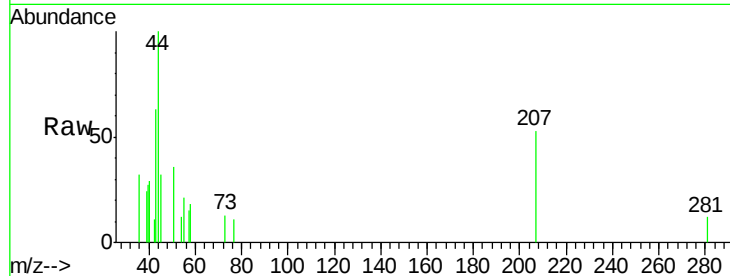




#51
 4-Methyl-2-Pentanone
 Concen: 8.620 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX017243.D
 Acq: 08 Jul 2020 09:17

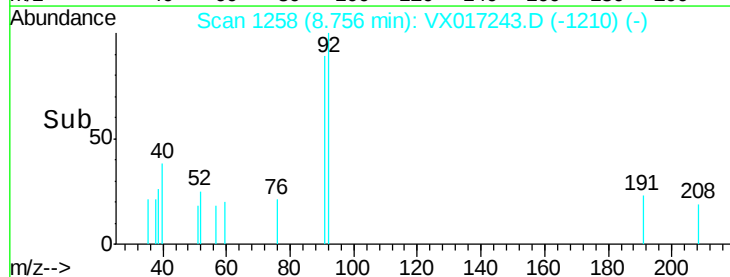
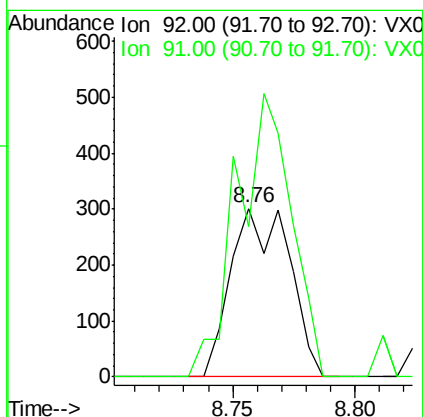
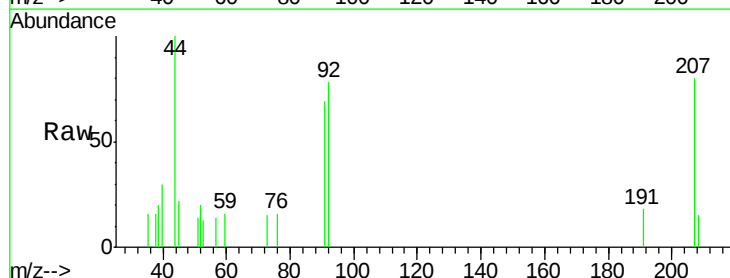
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

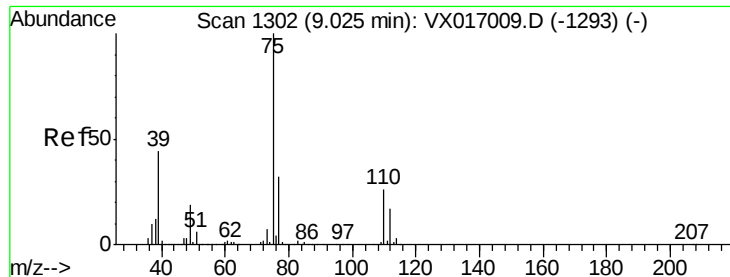
Tgt Ion: 43 Resp: 596
 Ion Ratio Lower Upper
 43 100
 58 24.3 31.9 47.9#



#52
 Toluene
 Concen: 3.946 ug/l
 RT: 8.76 min Scan# 1258
 Delta R.T. -0.01 min
 Lab File: VX017243.D
 Acq: 08 Jul 2020 09:17

Tgt Ion: 92 Resp: 498
 Ion Ratio Lower Upper
 92 100
 91 157.8 136.9 205.3

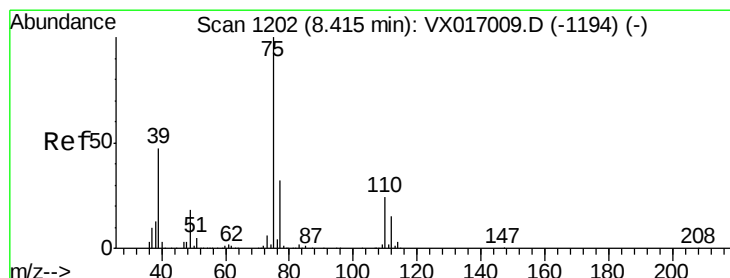
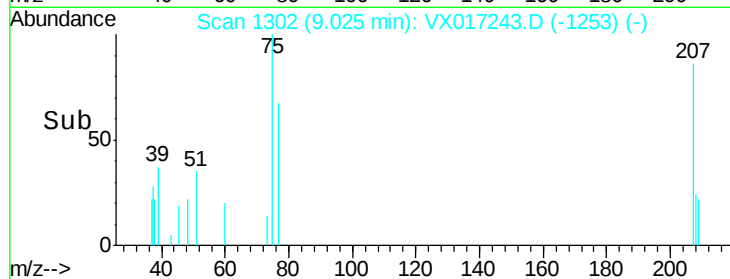
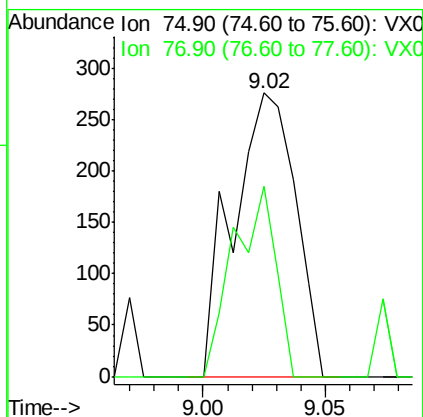
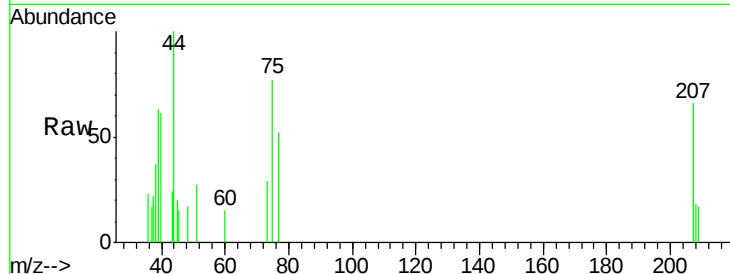




#53
t-1,3-Dichloropropene
Concen: 6.080 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX017243.D
Acq: 08 Jul 2020 09:17

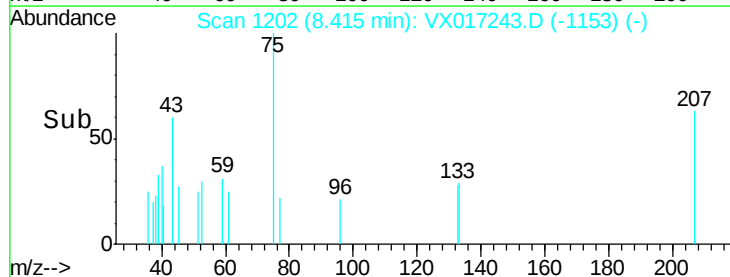
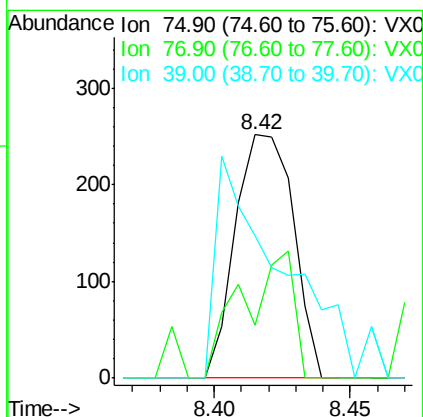
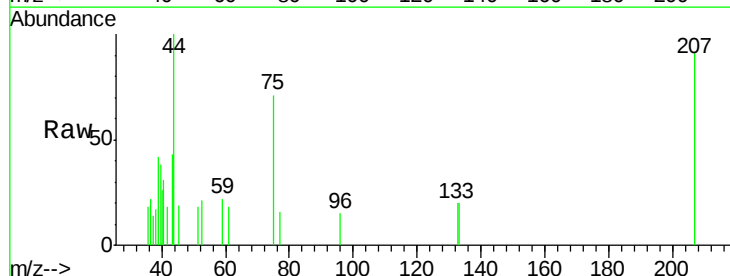
Instrument :
MSVOA_X
ClientSampled :
BFB

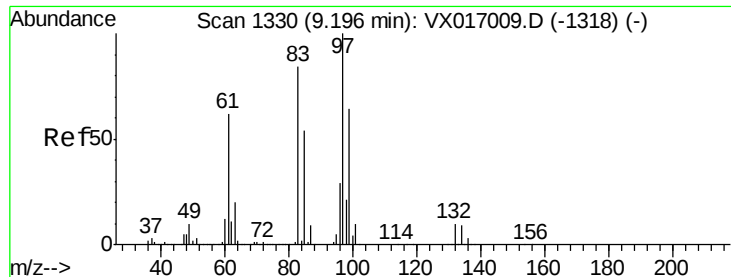
Tgt Ion: 75 Resp: 490
Ion Ratio Lower Upper
75 100
77 67.0 25.6 38.4#



#54
cis-1,3-Dichloropropene
Concen: 4.306 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX017243.D
Acq: 08 Jul 2020 09:17

Tgt Ion: 75 Resp: 372
Ion Ratio Lower Upper
75 100
77 21.8 25.2 37.8#
39 58.3 37.4 56.2#

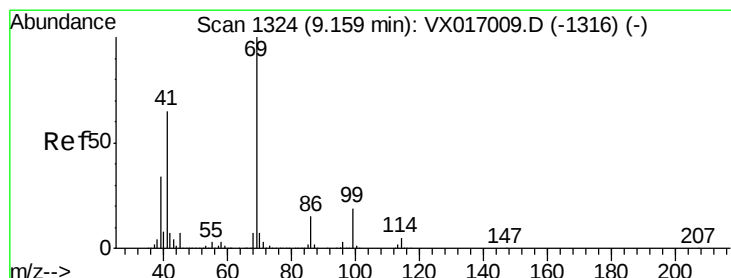
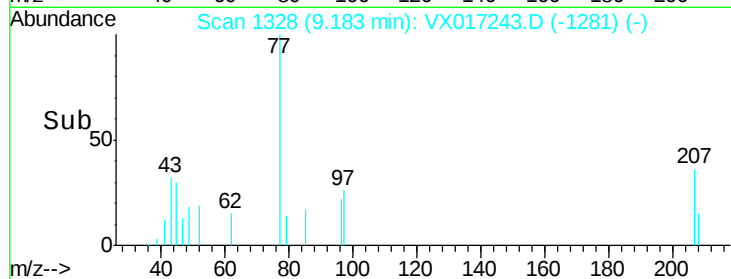
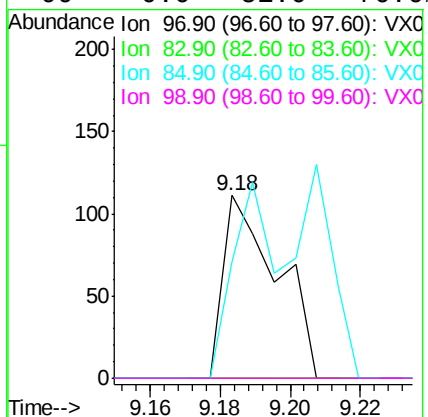
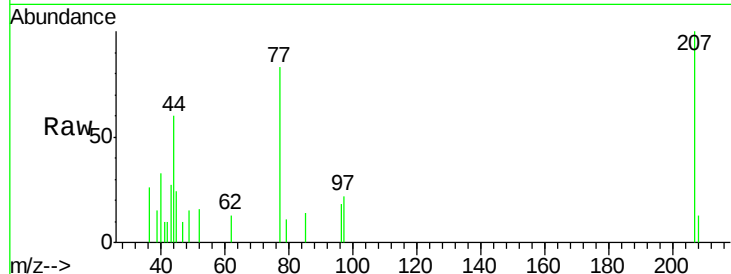




#55
 1,1,2-Trichloroethane
 Concen: 2.308 ug/l
 RT: 9.18 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: VX017243.D
 Acq: 08 Jul 2020 09:17

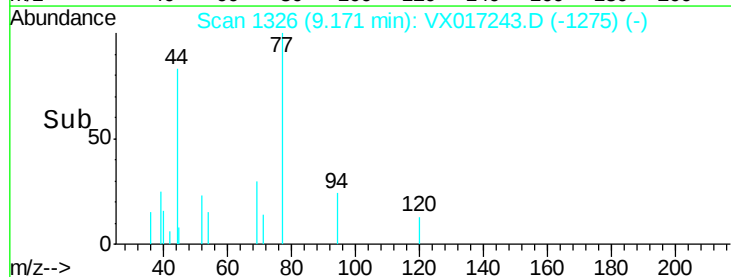
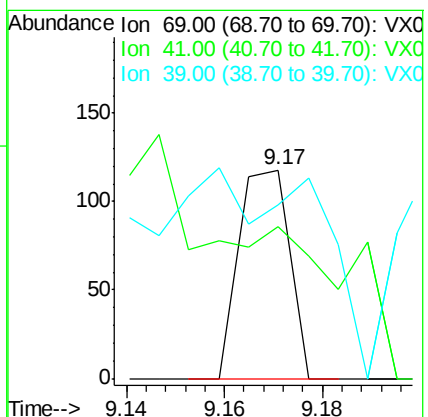
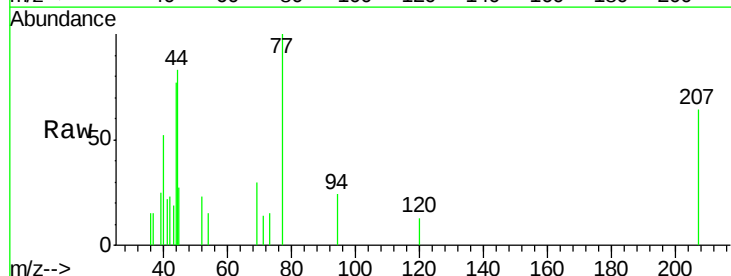
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

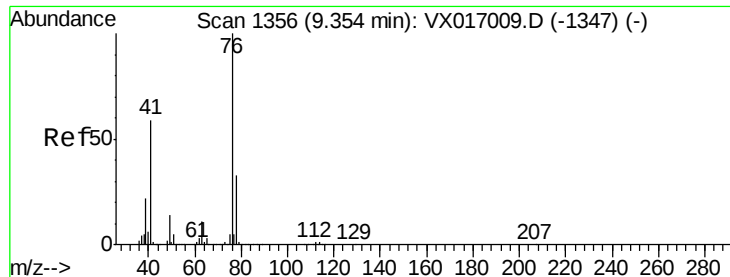
Tgt Ion: 97 Resp: 119
 Ion Ratio Lower Upper
 97 100
 83 0.0 67.0 100.6#
 85 64.0 43.5 65.3
 99 0.0 51.0 76.6#



#56
 Ethyl methacrylate
 Concen: 1.158 ug/l
 RT: 9.17 min Scan# 1326
 Delta R.T. 0.01 min
 Lab File: VX017243.D
 Acq: 08 Jul 2020 09:17

Tgt Ion: 69 Resp: 85
 Ion Ratio Lower Upper
 69 100
 41 0.0 53.6 80.4#
 39 330.6 28.2 42.2#





#57

1,3-Dichloropropane

Concen: 2.327 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. -0.01 min

Lab File: VX017243.D

Acq: 08 Jul 2020 09:17

Instrument :

MSVOA_X

ClientSampleId :

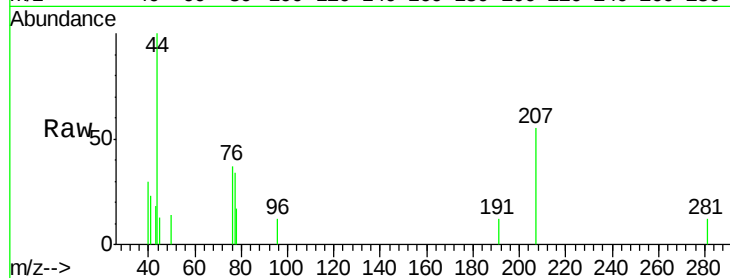
BFB

Tgt Ion: 76 Resp: 203

Ion Ratio Lower Upper

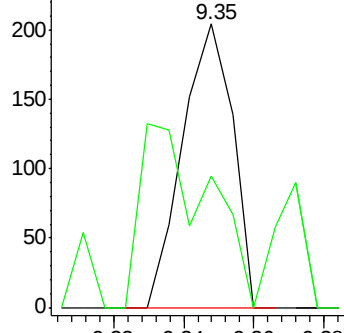
76 100

78 86.7 25.9 38.9#

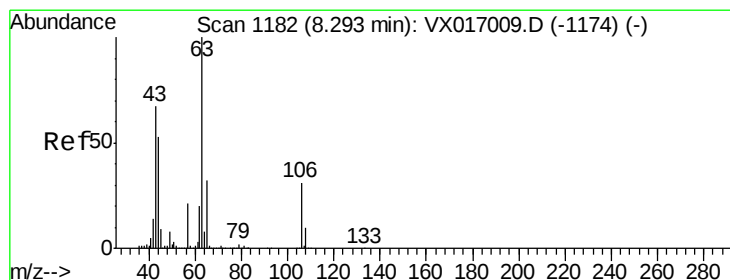
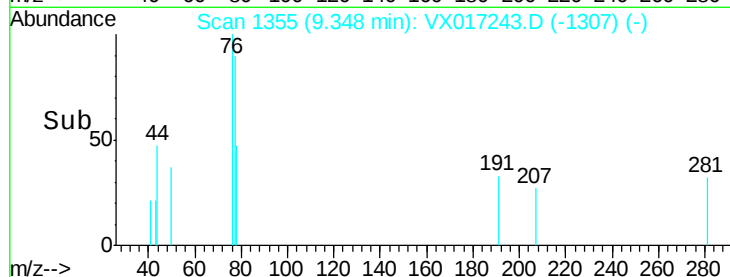


Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 28.528 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX017243.D

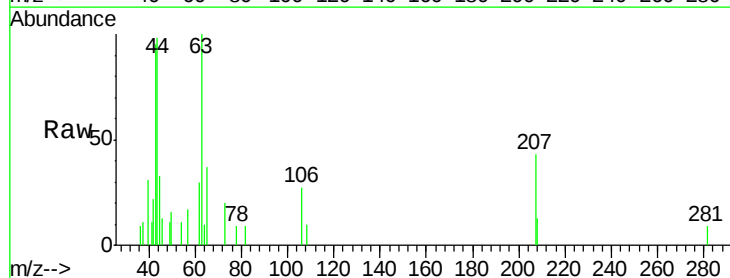
Acq: 08 Jul 2020 09:17

Tgt Ion: 63 Resp: 1042

Ion Ratio Lower Upper

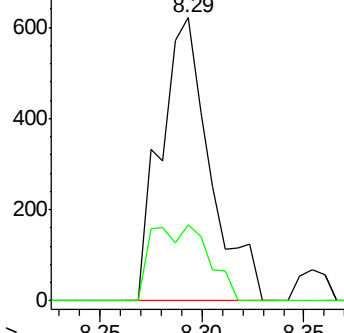
63 100

106 31.2 24.0 36.0

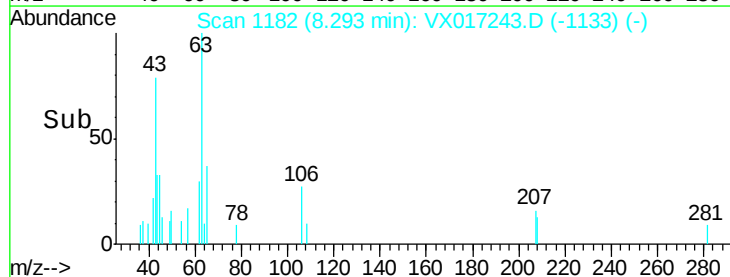


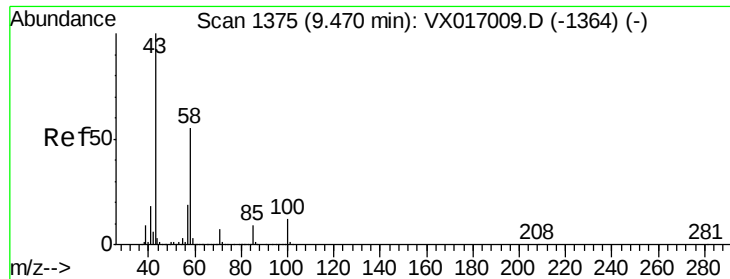
Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V



Time-->

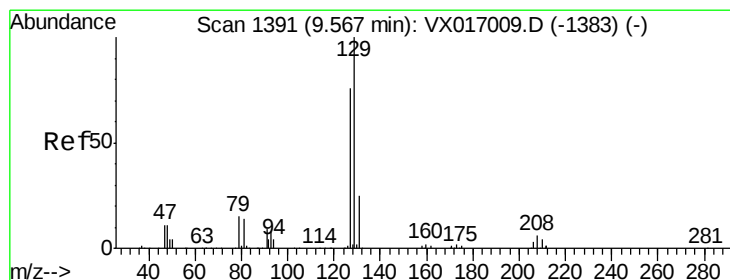
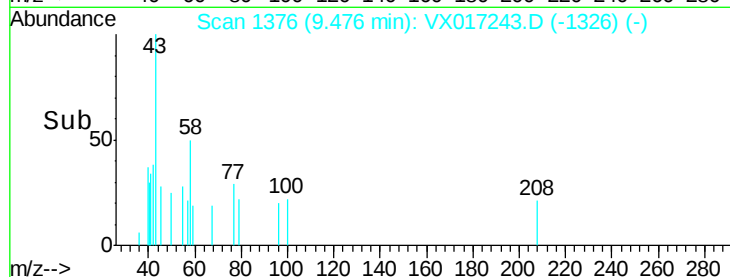
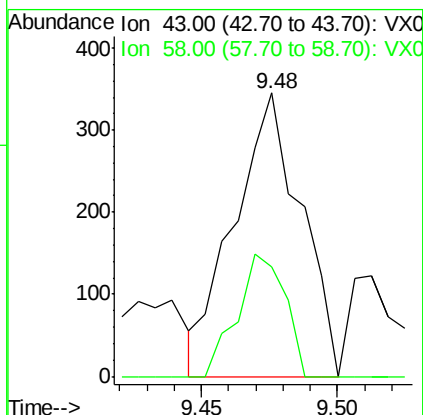
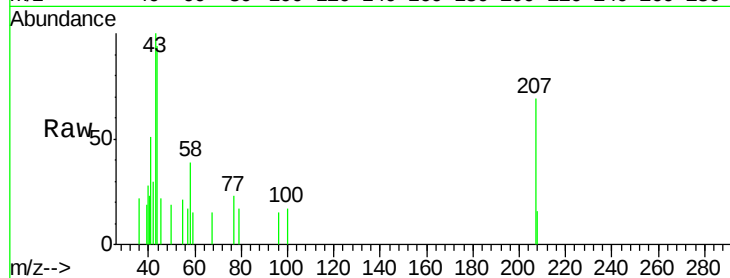




#59
2-Hexanone
Concen: 11.605 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX017243.D
Acq: 08 Jul 2020 09:17

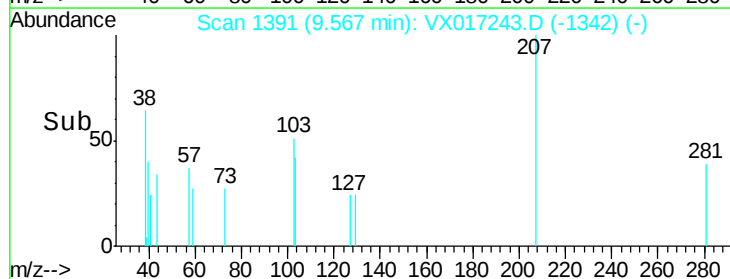
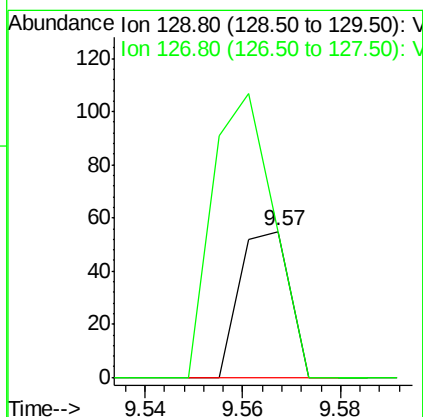
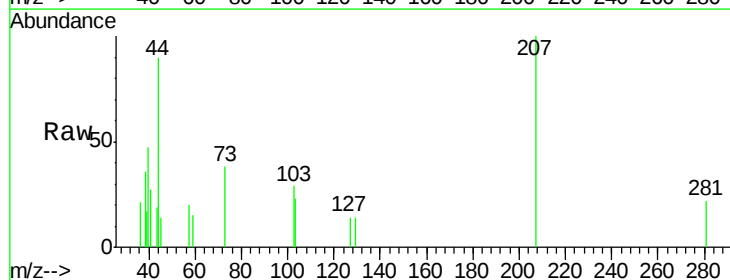
Instrument :
MSVOA_X
ClientSampleId :
BFB

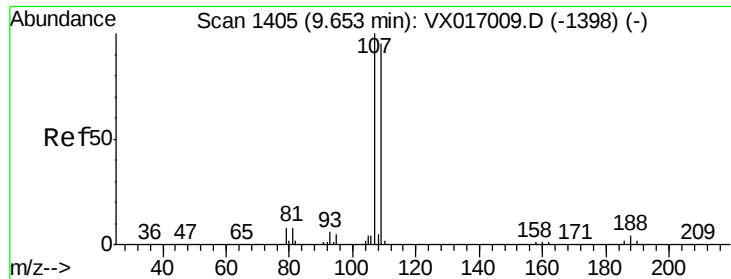
Tgt Ion: 43 Resp: 586
Ion Ratio Lower Upper
43 100
58 30.9 27.9 83.6



#60
Dibromochloromethane
Concen: 0.651 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017243.D
Acq: 08 Jul 2020 09:17

Tgt Ion: 129 Resp: 39
Ion Ratio Lower Upper
129 100
127 238.5 38.9 116.7#





#61

1,2-Dibromoethane

Concen: 6.387 ug/l

RT: 9.65 min Scan# 1404

Delta R.T. -0.01 min

Lab File: VX017243.D

Acq: 08 Jul 2020 09:17

Instrument :

MSVOA_X

ClientSampleId :

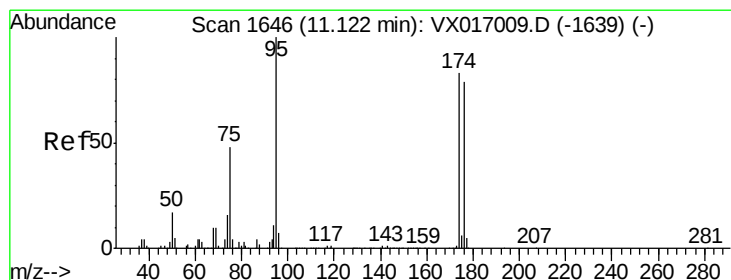
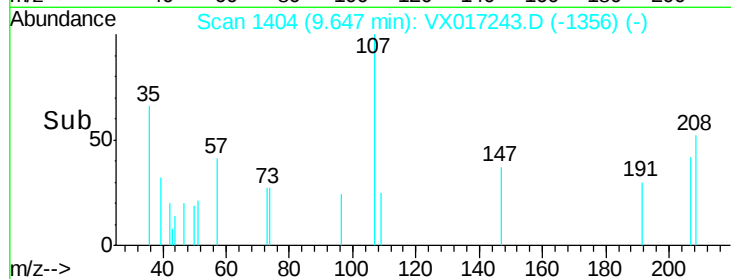
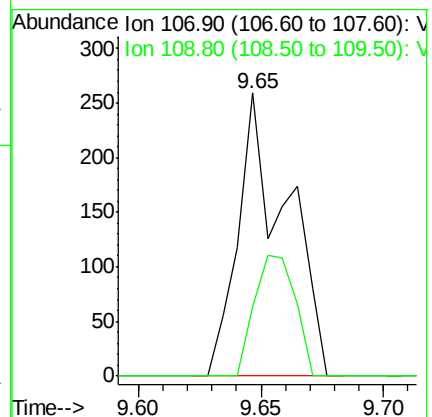
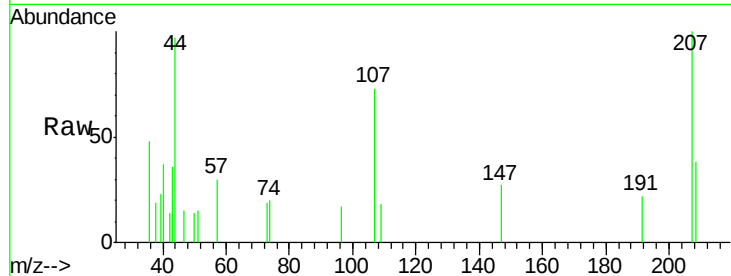
BFB

Tgt Ion: 107 Resp: 354

Ion Ratio Lower Upper

107 100

109 35.9 75.8 113.8#



#62

4-Bromofluorobenzene

Concen: 1781.370 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017243.D

Acq: 08 Jul 2020 09:17

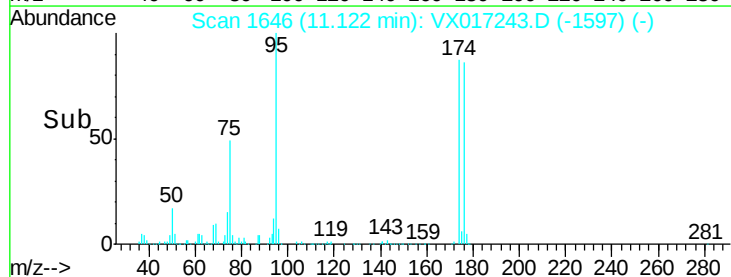
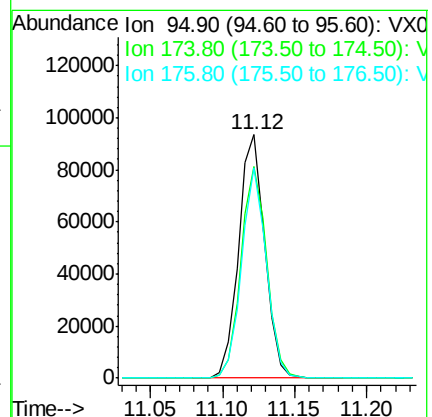
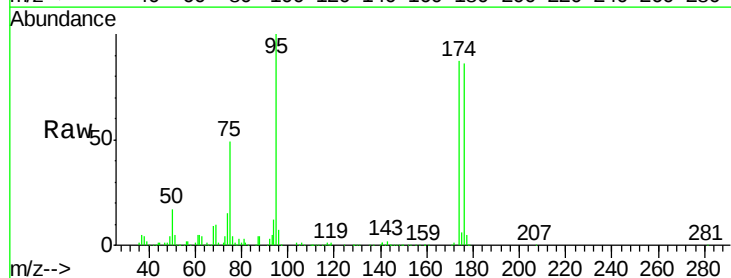
Tgt Ion: 95 Resp: 118565

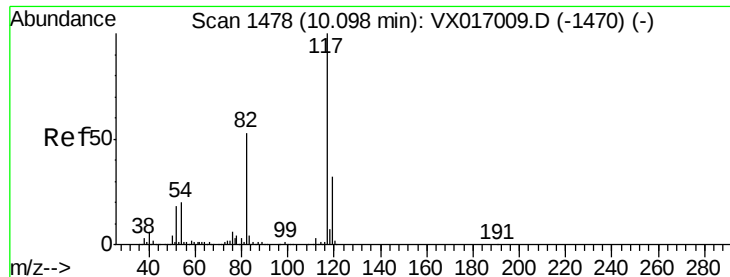
Ion Ratio Lower Upper

95 100

174 85.5 0.0 164.0

176 81.6 0.0 157.6

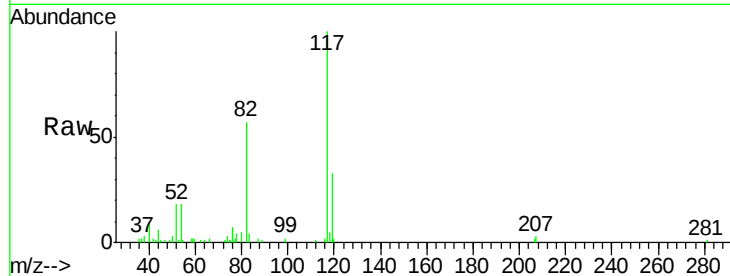




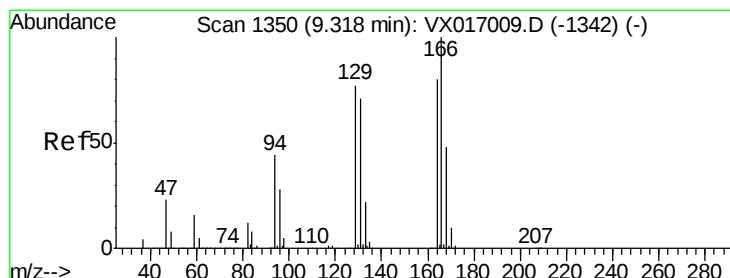
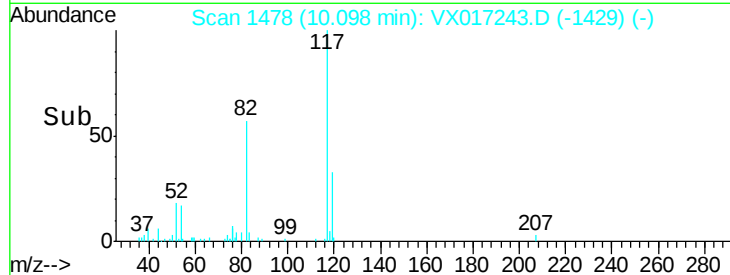
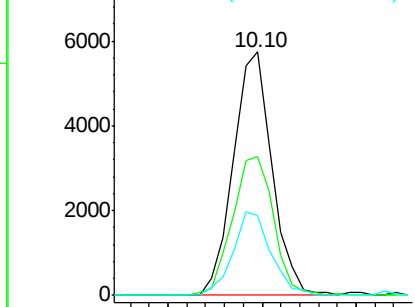
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017243.D
Acq: 08 Jul 2020 09:17

Instrument :
MSVOA_X
ClientSampleId :
BFB

Tgt Ion:117 Resp: 8184
Ion Ratio Lower Upper
117 100
82 56.8 42.6 63.8
119 32.9 25.4 38.2

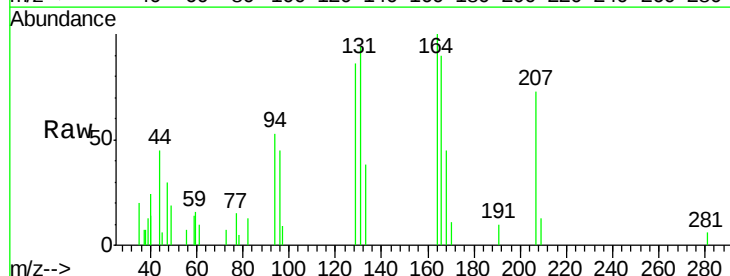


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

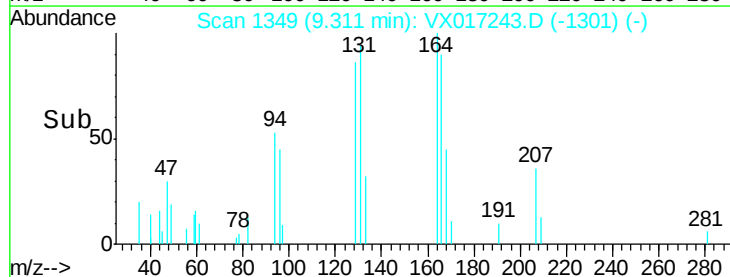
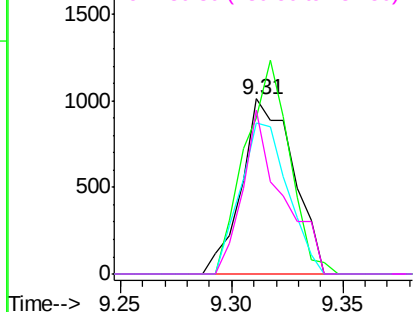


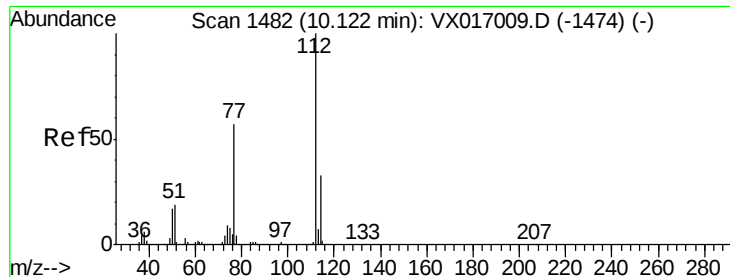
#64
Tetrachloroethene
Concen: 24.799 ug/l
RT: 9.31 min Scan# 1349
Delta R.T. -0.01 min
Lab File: VX017243.D
Acq: 08 Jul 2020 09:17

Tgt Ion:164 Resp: 1638
Ion Ratio Lower Upper
164 100
166 89.5 99.4 149.0#
129 86.1 76.3 114.5
131 94.0 70.6 105.8



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 4.452 ug/l

RT: 10.13 min Scan# 1483

Delta R.T. 0.01 min

Lab File: VX017243.D

Acq: 08 Jul 2020 09:17

Instrument :

MSVOA_X

ClientSampleId :

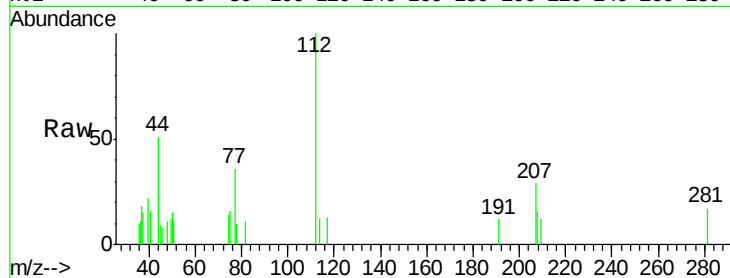
BFB

Tgt Ion:112 Resp: 752

Ion Ratio Lower Upper

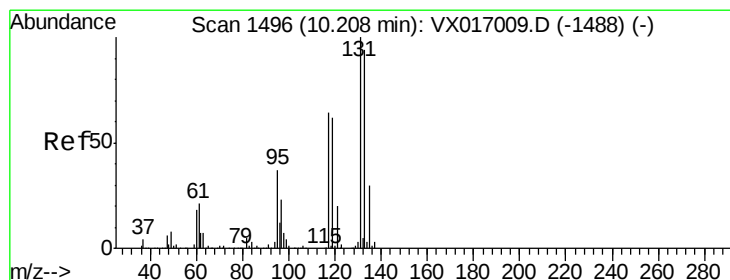
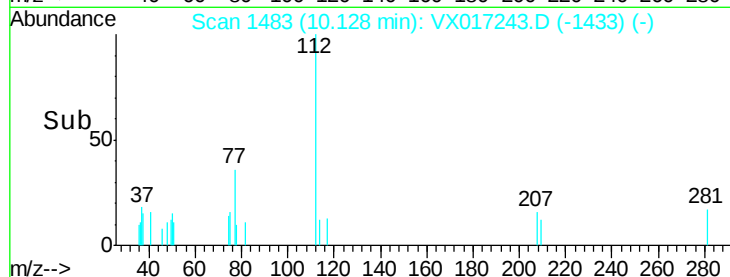
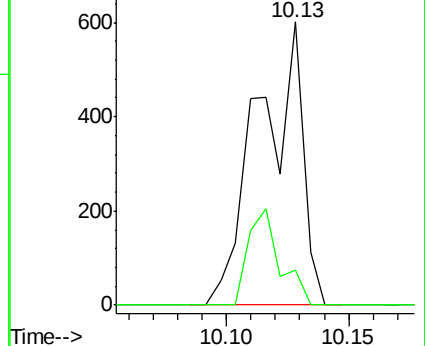
112 100

114 12.5 26.2 39.4#



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 0.430 ug/l

RT: 10.34 min Scan# 1517

Delta R.T. 0.13 min

Lab File: VX017243.D

Acq: 08 Jul 2020 09:17

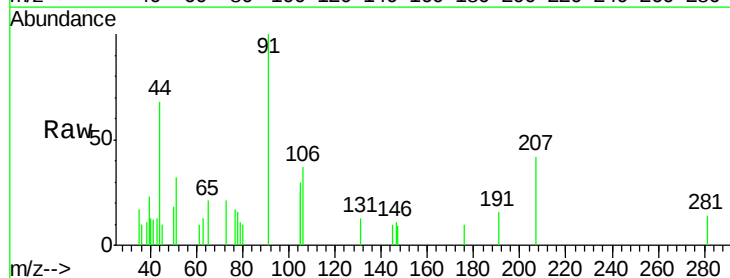
Tgt Ion:131 Resp: 28

Ion Ratio Lower Upper

131 100

133 0.0 47.3 141.9#

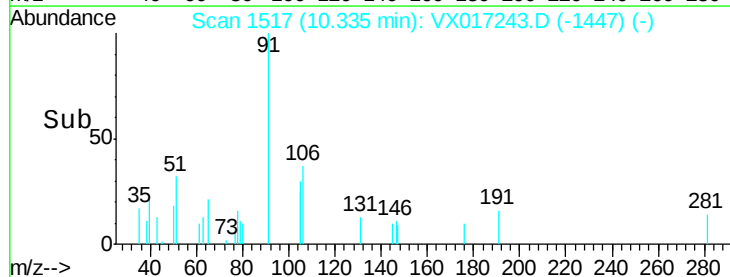
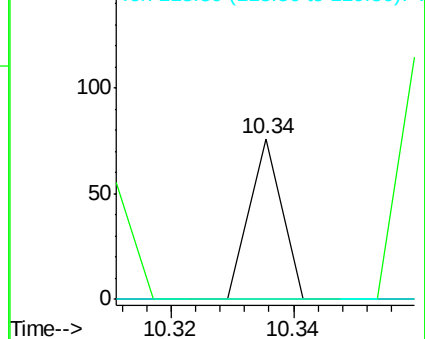
119 0.0 31.9 95.5#

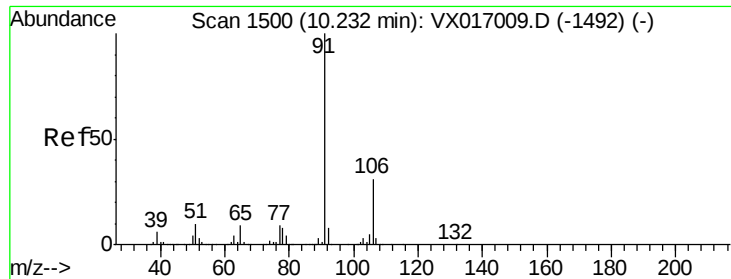


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

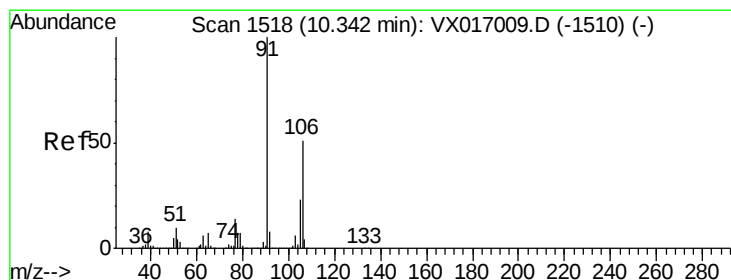
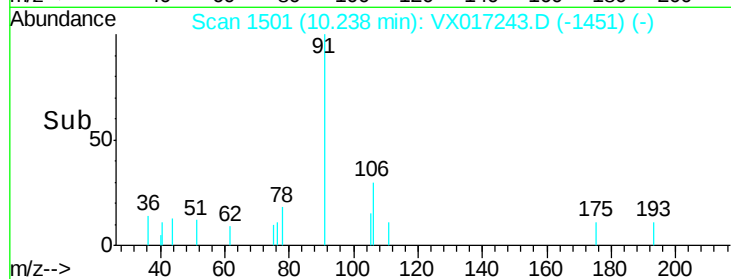
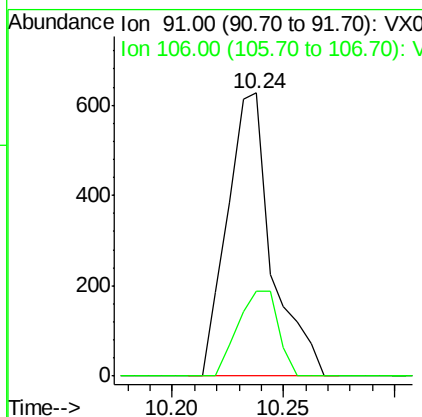
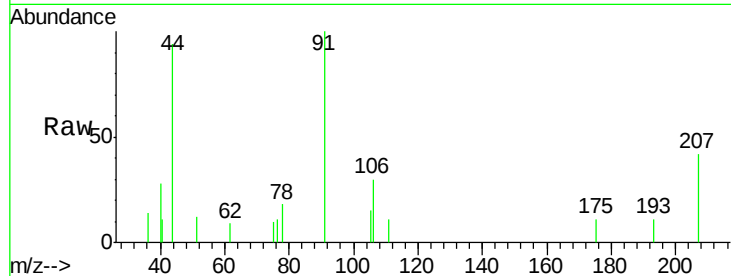




#67
Ethyl Benzene
Concen: 3.084 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.01 min
Lab File: VX017243.D
Acq: 08 Jul 2020 09:17

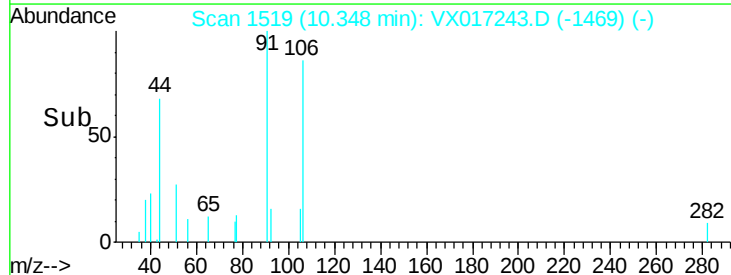
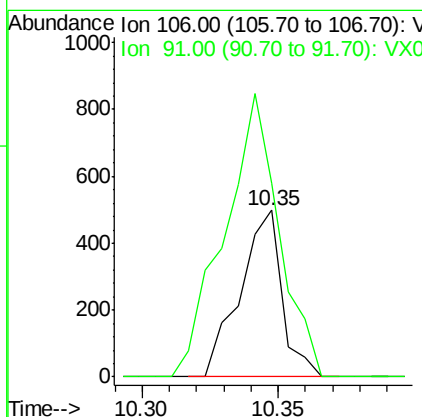
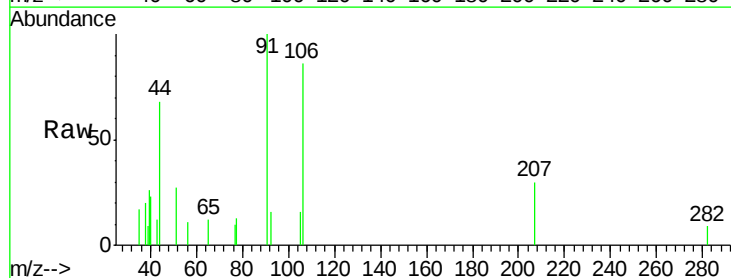
Instrument :
MSVOA_X
ClientSampled :
BFB

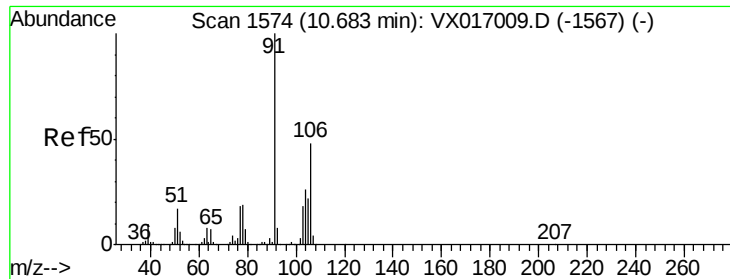
Tgt Ion: 91 Resp: 870
Ion Ratio Lower Upper
91 100
106 30.1 24.7 37.1



#68
m/p-Xylenes
Concen: 4.884 ug/l
RT: 10.35 min Scan# 1519
Delta R.T. 0.01 min
Lab File: VX017243.D
Acq: 08 Jul 2020 09:17

Tgt Ion: 106 Resp: 529
Ion Ratio Lower Upper
106 100
91 222.5 158.6 238.0

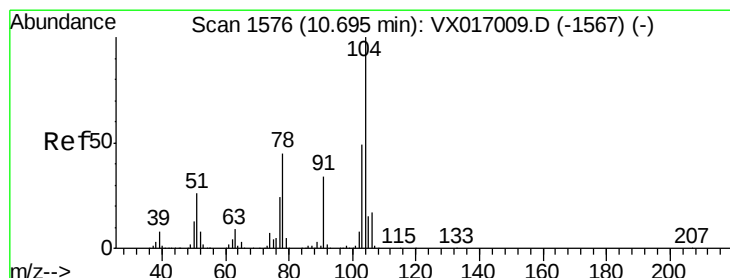
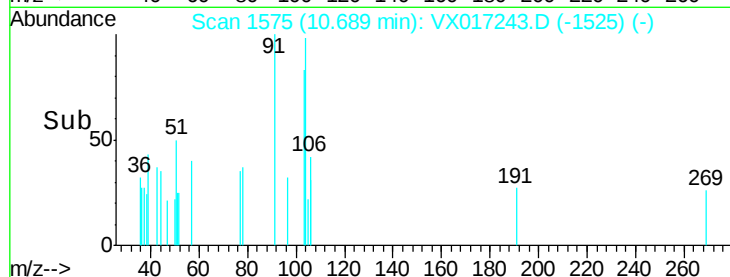
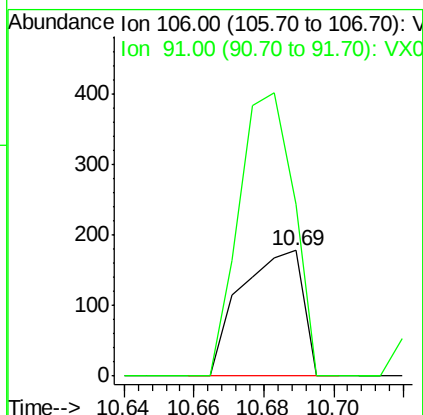
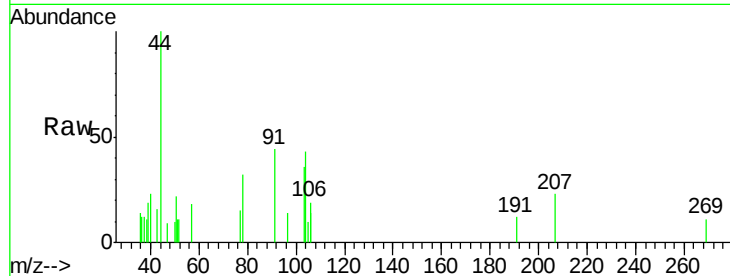




#69
o-Xylene
Concen: 2.135 ug/l
RT: 10.69 min Scan# 1575
Delta R.T. 0.01 min
Lab File: VX017243.D
Acq: 08 Jul 2020 09:17

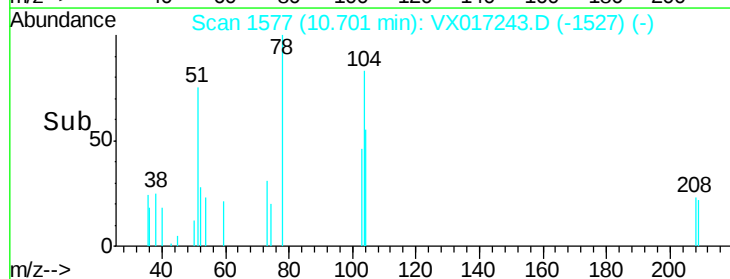
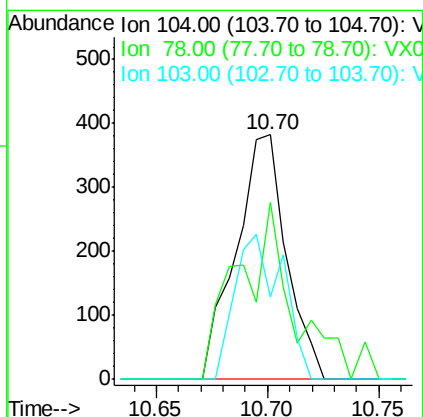
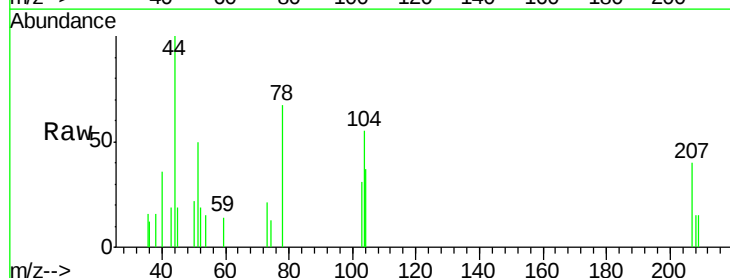
Instrument :
MSVOA_X
ClientSampled :
BFB

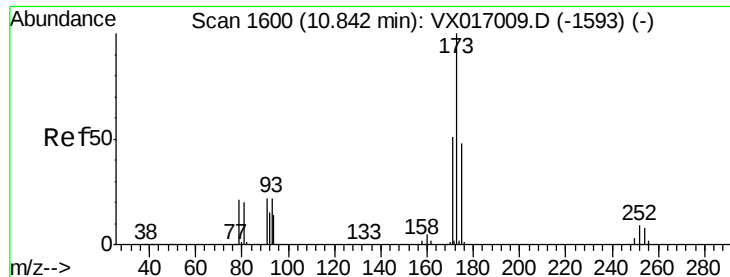
Tgt Ion:106 Resp: 220
Ion Ratio Lower Upper
106 100
91 198.6 105.6 316.7



#70
Styrene
Concen: 3.420 ug/l
RT: 10.70 min Scan# 1577
Delta R.T. 0.01 min
Lab File: VX017243.D
Acq: 08 Jul 2020 09:17

Tgt Ion:104 Resp: 600
Ion Ratio Lower Upper
104 100
78 81.5 39.5 59.3#
103 55.7 43.0 64.6





#71

Bromoform

Concen: 1.976 ug/l

RT: 10.84 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VX017243.D

Acq: 08 Jul 2020 09:17

Instrument :

MSVOA_X

ClientSampled :

BFB

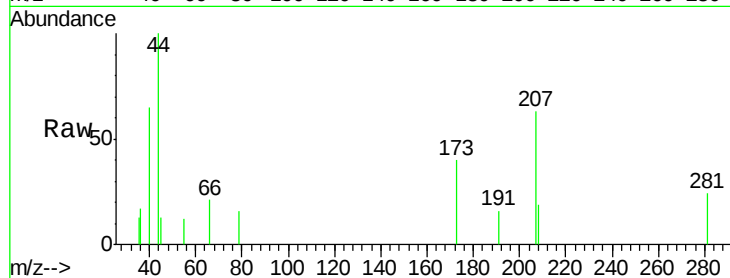
Tgt Ion:173 Resp: 102

Ion Ratio Lower Upper

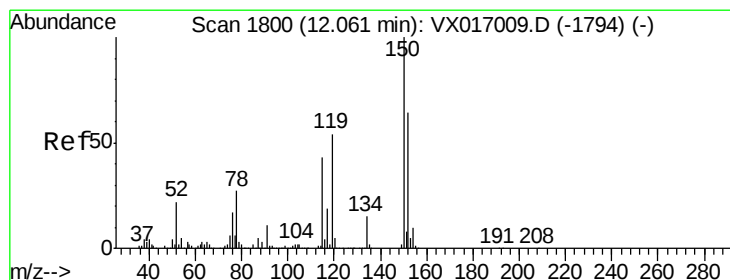
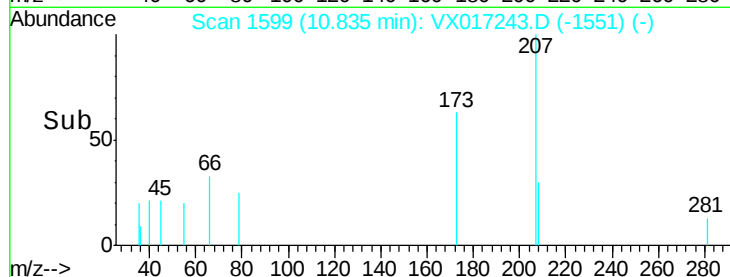
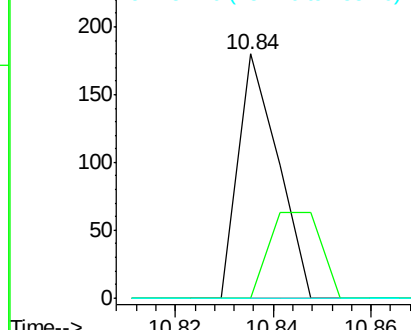
173 100

175 0.0 24.5 73.5#

254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017243.D

Acq: 08 Jul 2020 09:17

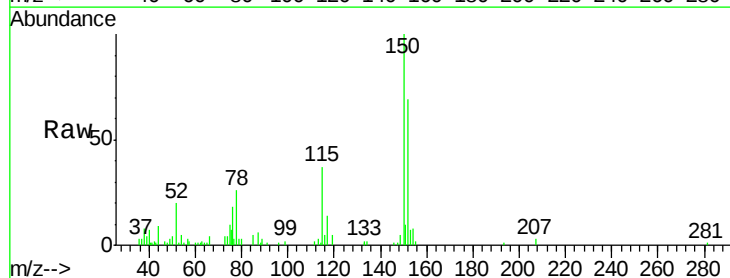
Tgt Ion:152 Resp: 5131

Ion Ratio Lower Upper

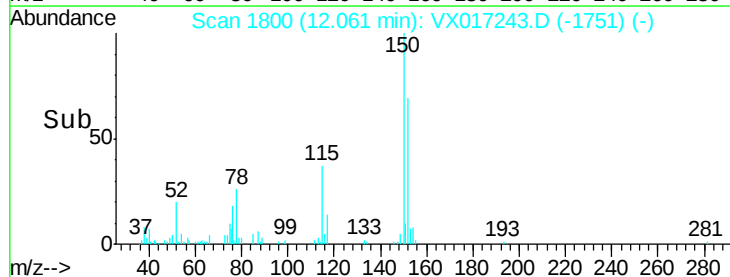
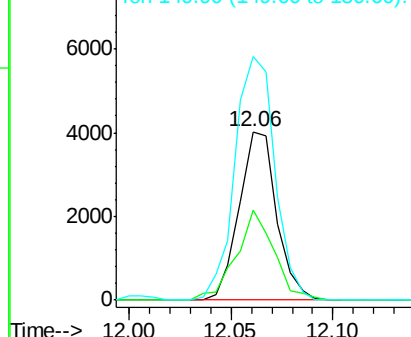
152 100

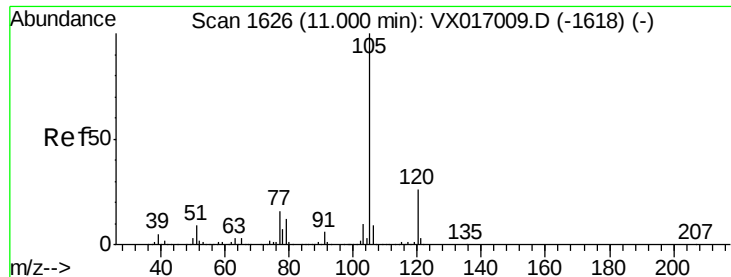
115 53.1 40.9 122.7

150 154.0 0.0 351.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 2.035 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017243.D

Acq: 08 Jul 2020 09:17

Instrument :

MSVOA_X

ClientSampleId :

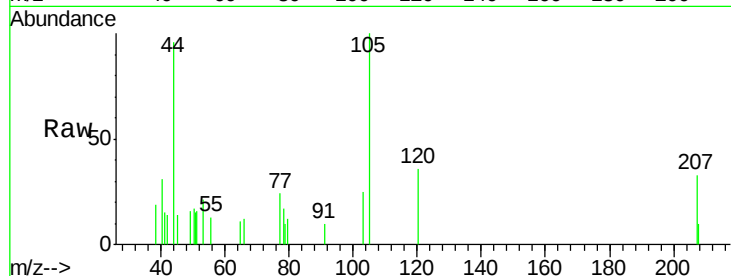
BFB

Tgt Ion: 105 Resp: 684

Ion Ratio Lower Upper

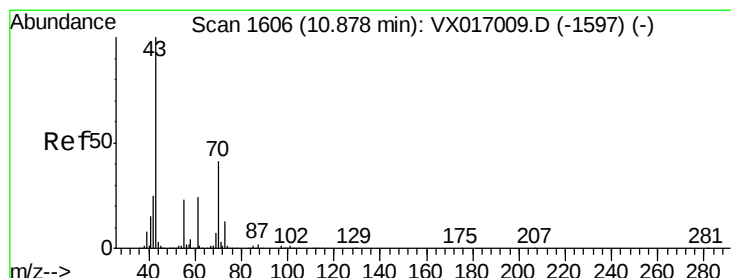
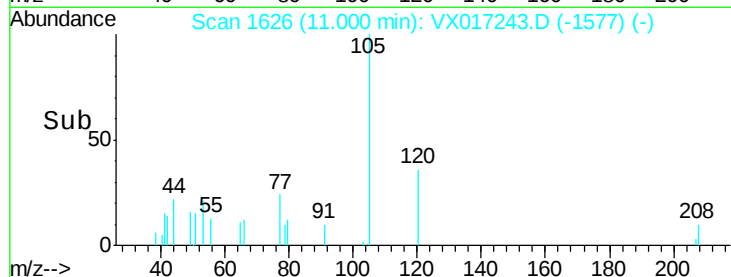
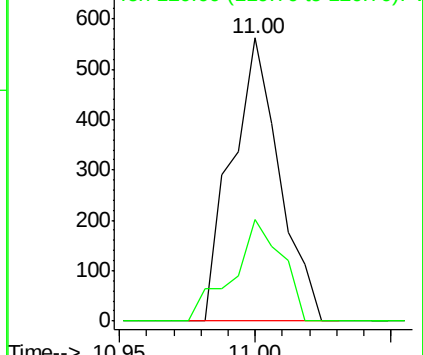
105 100

120 36.8 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 1.736 ug/l

RT: 10.87 min Scan# 1605

Delta R.T. -0.01 min

Lab File: VX017243.D

Acq: 08 Jul 2020 09:17

Tgt Ion: 43 Resp: 249

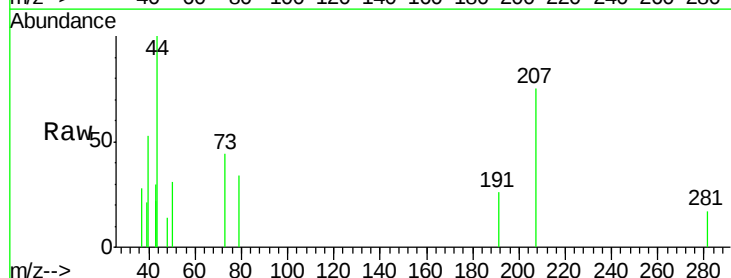
Ion Ratio Lower Upper

43 100

70 45.4 34.2 51.2

55 32.9 19.2 28.8#

61 0.0 19.6 29.4#

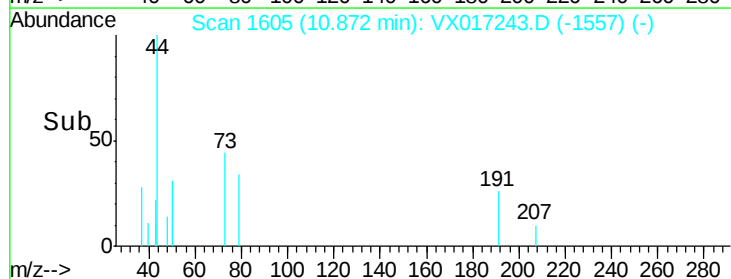
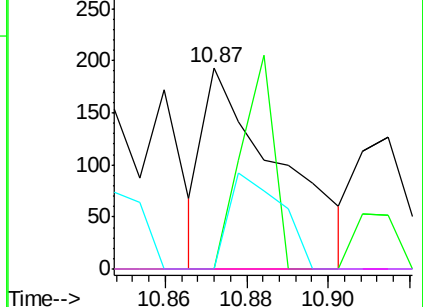


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 1.703 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017243.D

Acq: 08 Jul 2020 09:17

Instrument :

MSVOA_X

ClientSampleId :

BFB

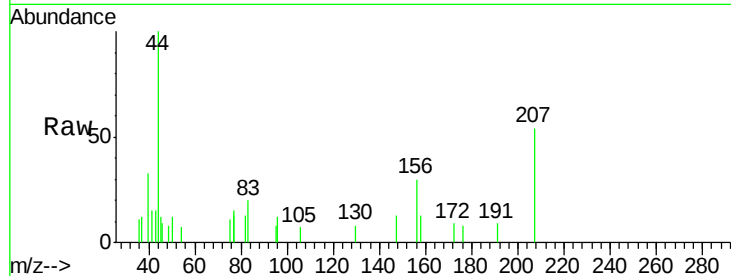
Tgt Ion: 83 Resp: 180

Ion Ratio Lower Upper

83 100

131 0.0 5.4 16.2#

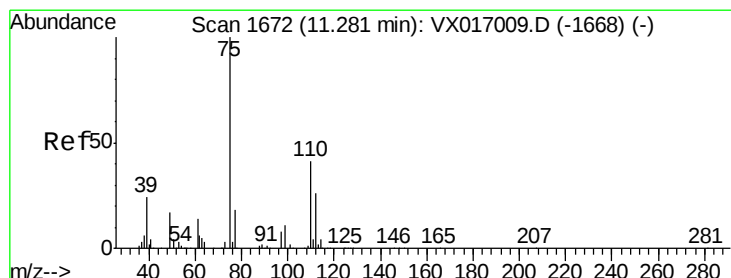
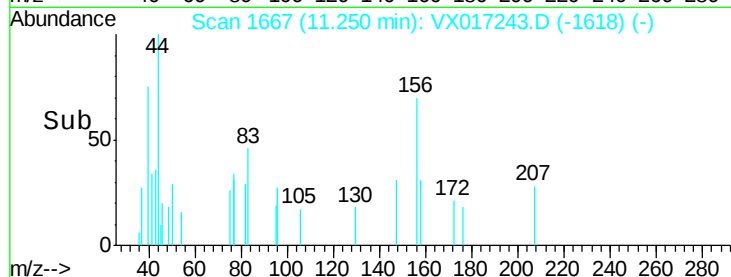
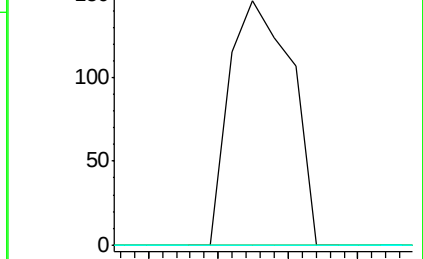
85 0.0 31.9 95.9#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 576.571 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX017243.D

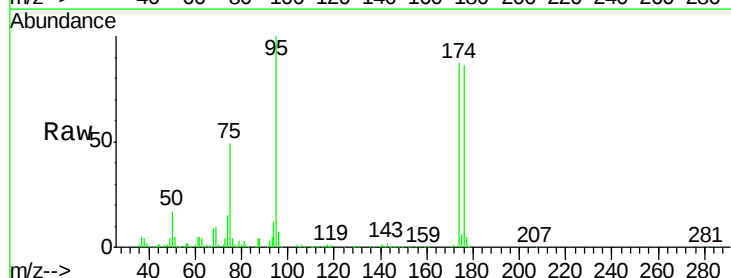
Acq: 08 Jul 2020 09:17

Tgt Ion: 75 Resp: 58175

Ion Ratio Lower Upper

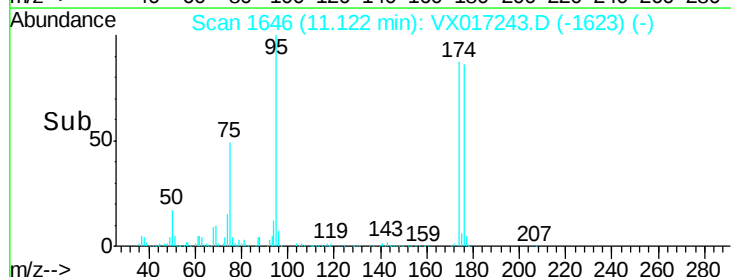
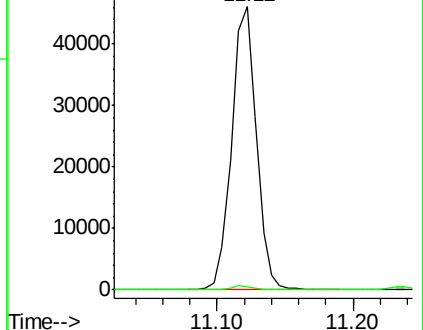
75 100

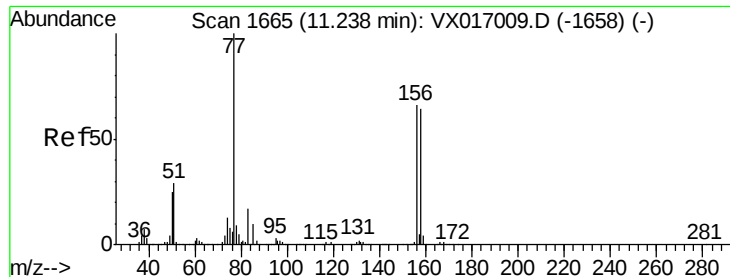
77 1.3 20.2 60.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 4.915 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017243.D

Acq: 08 Jul 2020 09:17

Instrument :

MSVOA_X

ClientSampled :

BFB

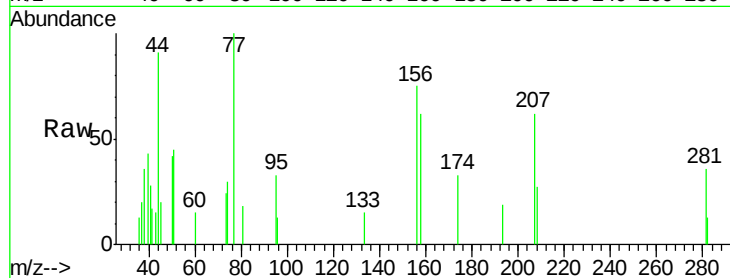
Tgt Ion:156 Resp: 454

Ion Ratio Lower Upper

156 100

77 132.4 76.9 230.7

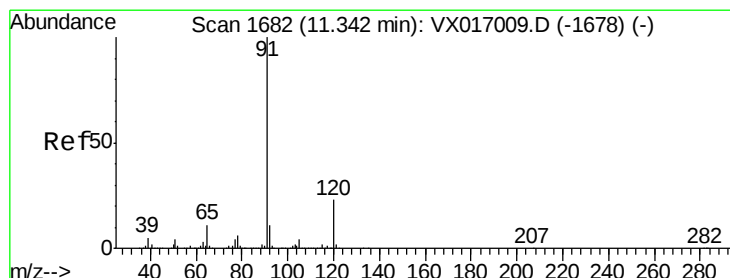
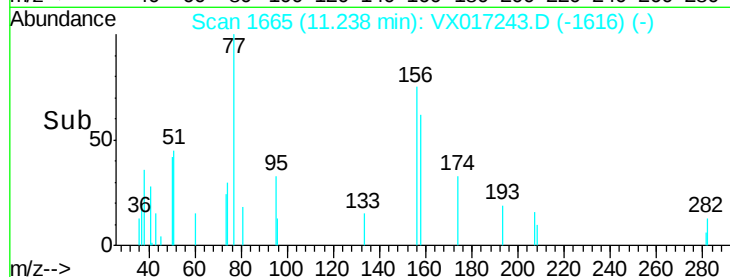
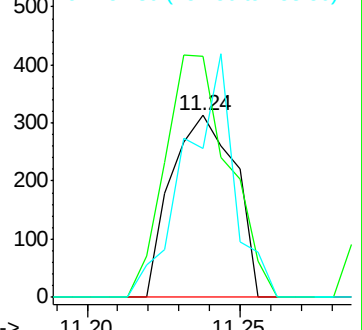
158 101.5 47.9 143.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 3.897 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.01 min

Lab File: VX017243.D

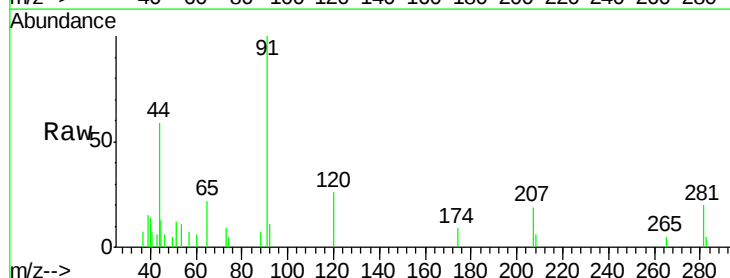
Acq: 08 Jul 2020 09:17

Tgt Ion: 91 Resp: 1481

Ion Ratio Lower Upper

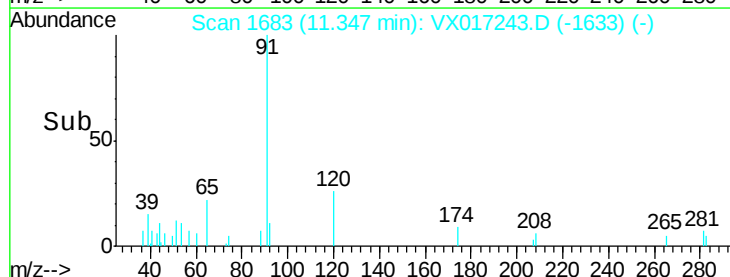
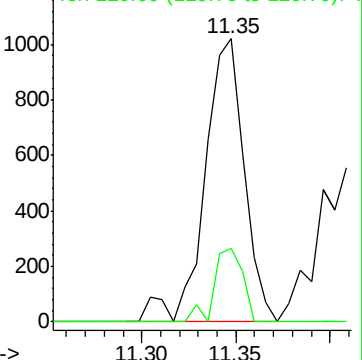
91 100

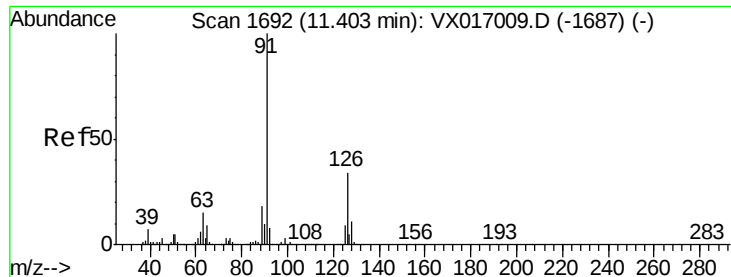
120 18.6 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

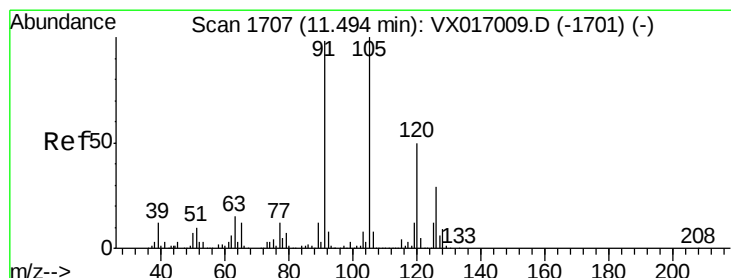
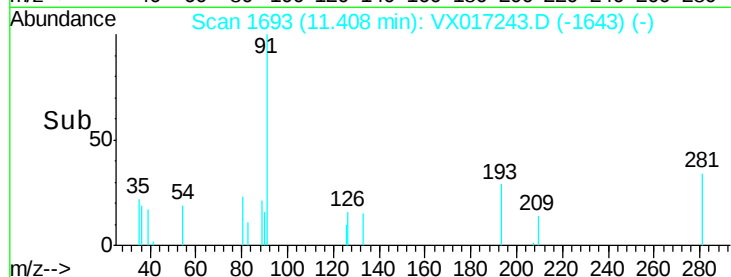
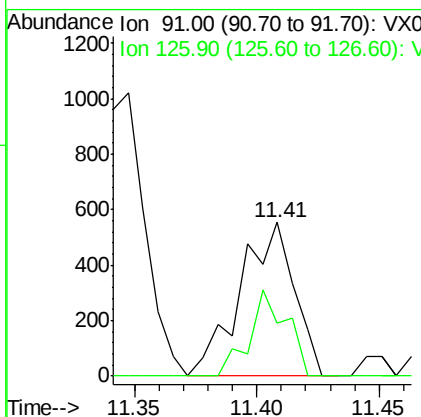
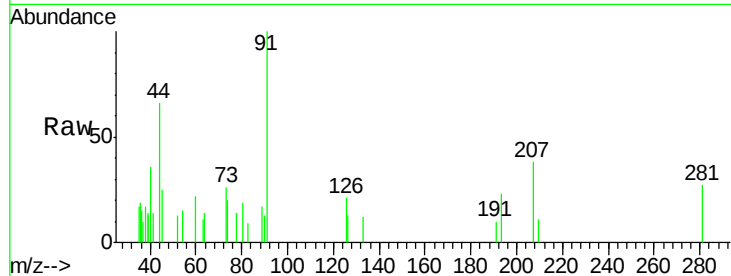




#79
 2-Chlorotoluene
 Concen: 3.713 ug/l
 RT: 11.41 min Scan# 1693
 Delta R.T. 0.01 min
 Lab File: VX017243.D
 Acq: 08 Jul 2020 09:17

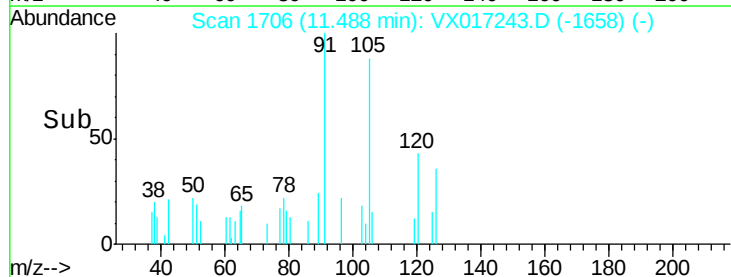
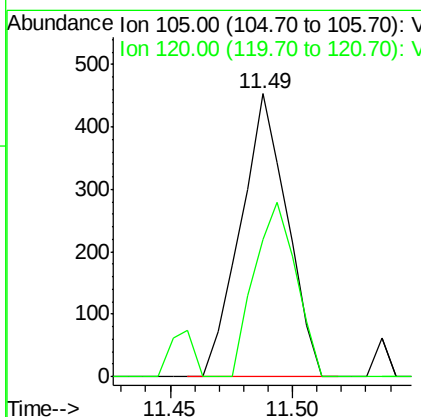
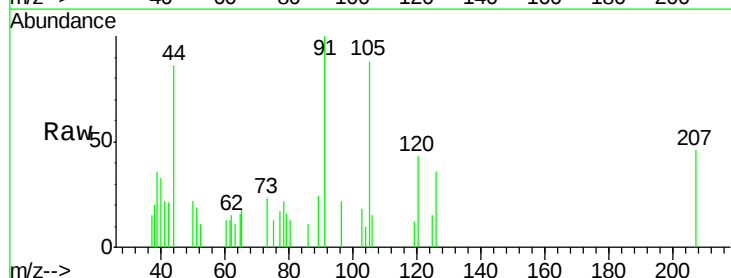
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

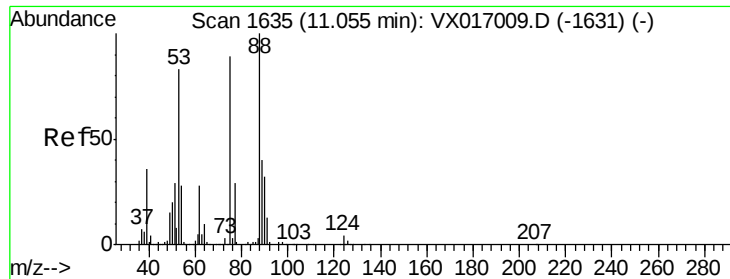
Tgt Ion: 91 Resp: 854
 Ion Ratio Lower Upper
 91 100
 126 38.1 17.4 52.3



#80
 1,3,5-Trimethylbenzene
 Concen: 2.156 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX017243.D
 Acq: 08 Jul 2020 09:17

Tgt Ion: 105 Resp: 601
 Ion Ratio Lower Upper
 105 100
 120 55.4 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 1493.114 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.07 min

Lab File: VX017243.D

Acq: 08 Jul 2020 09:17

Instrument :

MSVOA_X

ClientSampleId :

BFB

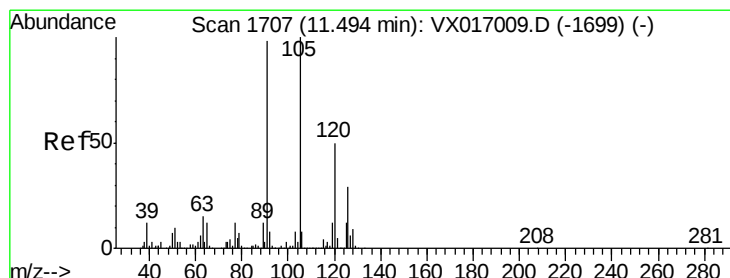
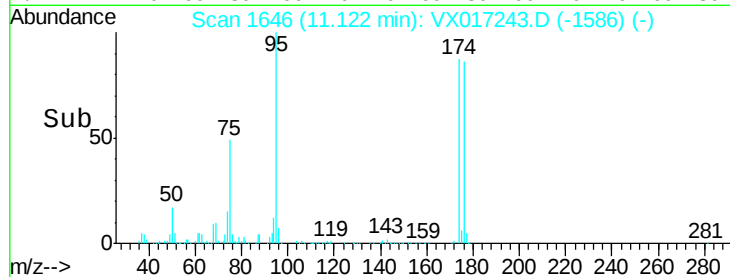
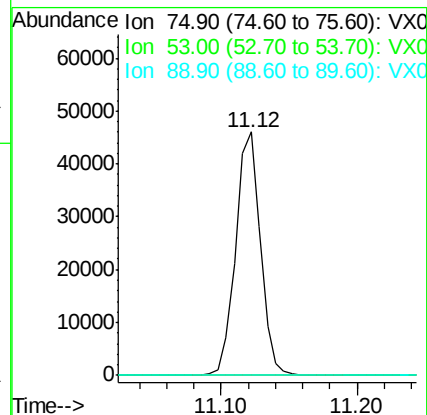
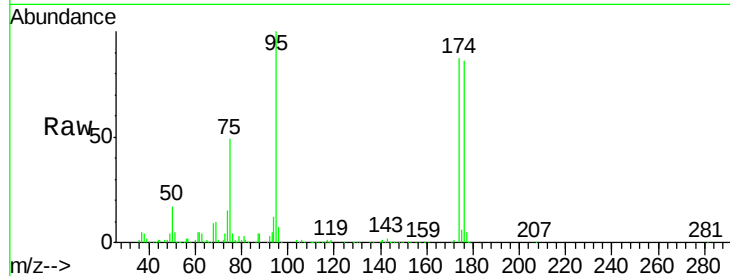
Tgt Ion: 75 Resp: 58175

Ion Ratio Lower Upper

75 100

53 0.5 72.4 108.6#

89 0.1 37.0 55.4#



#82

4-Chlorotoluene

Concen: 4.881 ug/l

RT: 11.50 min Scan# 1708

Delta R.T. 0.01 min

Lab File: VX017243.D

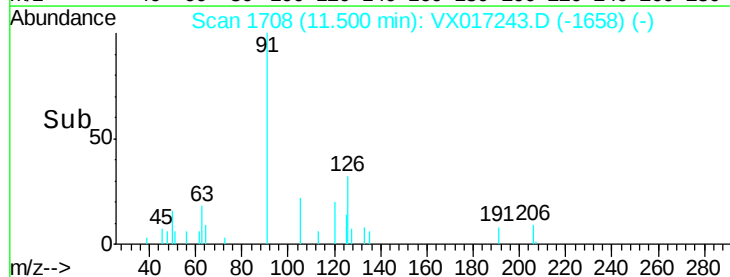
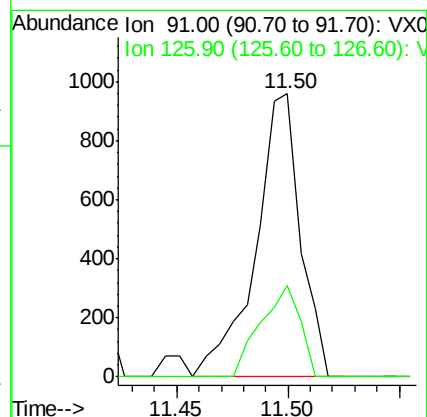
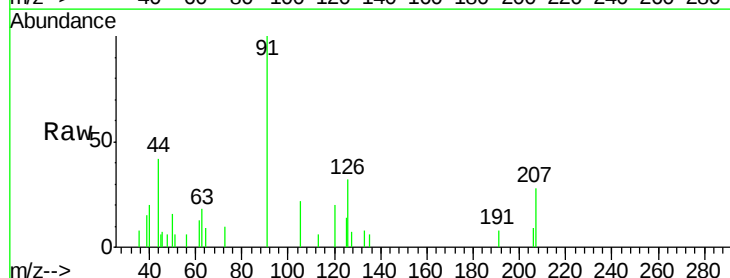
Acq: 08 Jul 2020 09:17

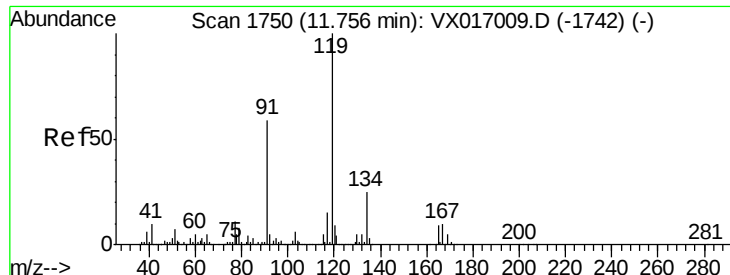
Tgt Ion: 91 Resp: 1342

Ion Ratio Lower Upper

91 100

126 28.4 15.2 45.5

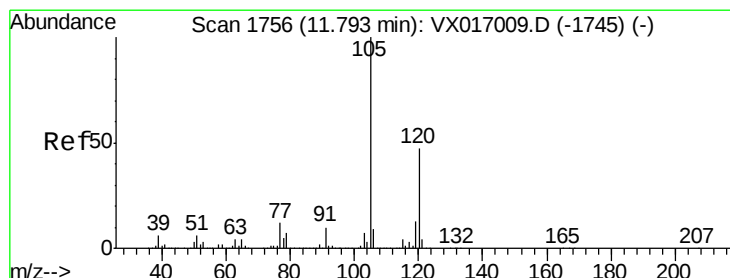
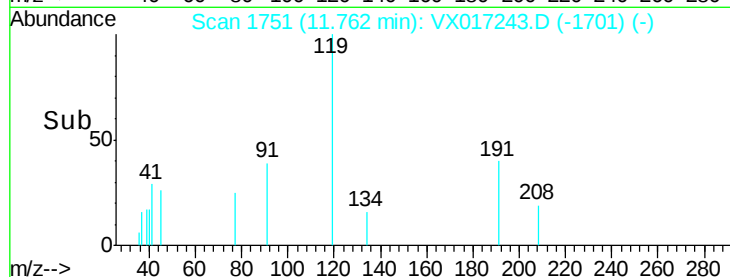
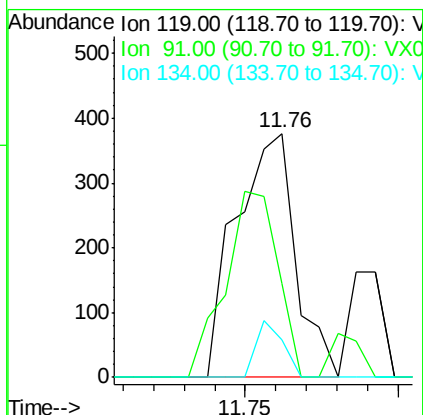
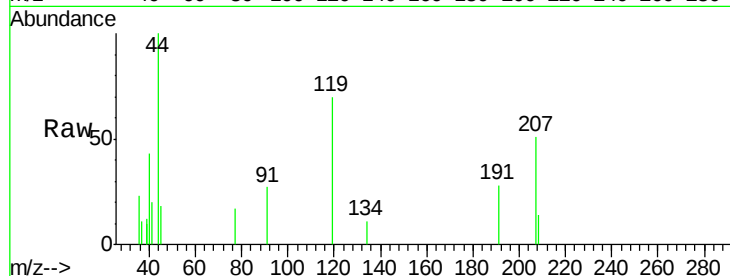




#83
tert-Butylbenzene
Concen: 1.860 ug/l
RT: 11.76 min Scan# 1751
Delta R.T. 0.01 min
Lab File: VX017243.D
Acq: 08 Jul 2020 09:17

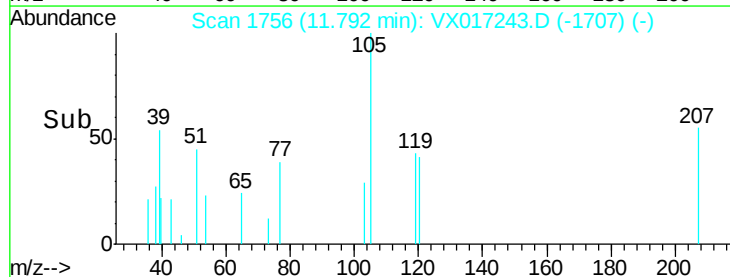
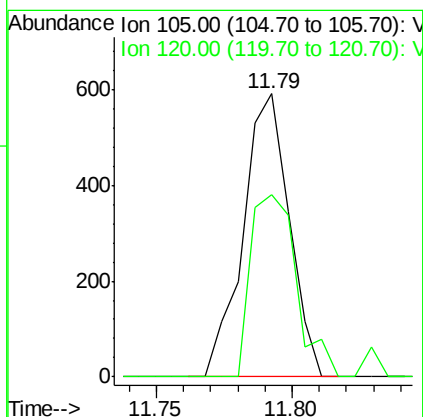
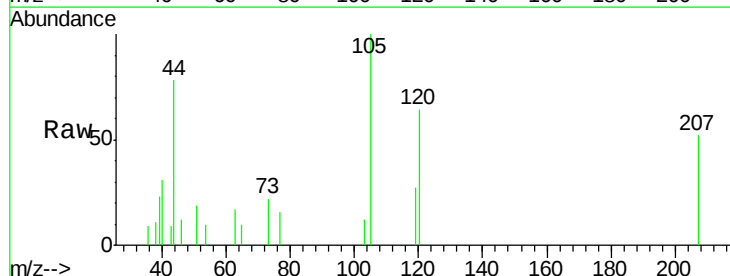
Instrument :
MSVOA_X
ClientSampled :
BFB

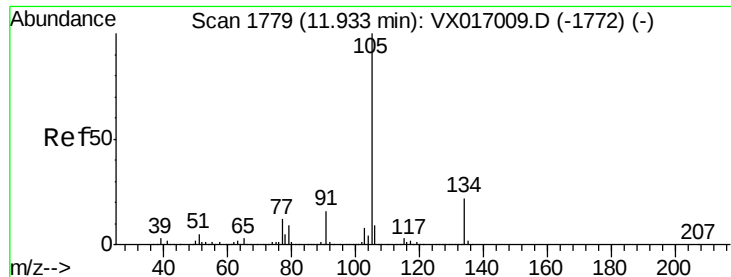
Tgt Ion:119 Resp: 509
Ion Ratio Lower Upper
119 100
91 66.8 28.3 84.9
134 10.4 11.7 35.1#



#84
1,2,4-Trimethylbenzene
Concen: 2.457 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017243.D
Acq: 08 Jul 2020 09:17

Tgt Ion:105 Resp: 695
Ion Ratio Lower Upper
105 100
120 63.9 22.9 68.5

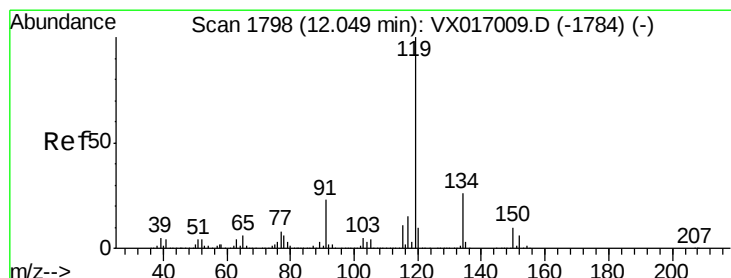
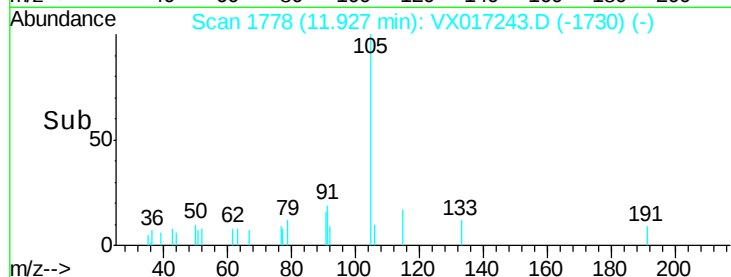
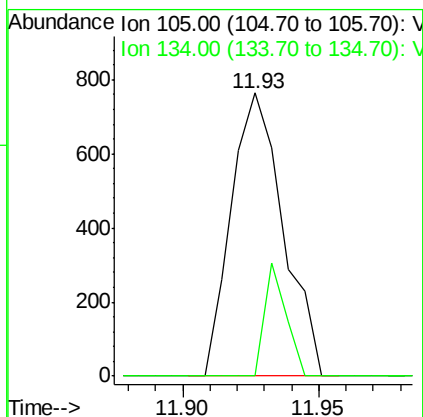
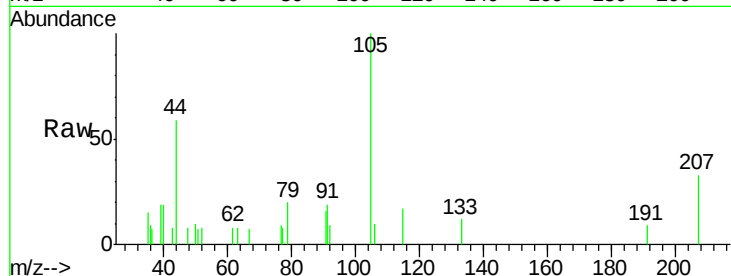




#85
 sec-Butylbenzene
 Concen: 3.146 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: VX017243.D
 Acq: 08 Jul 2020 09:17

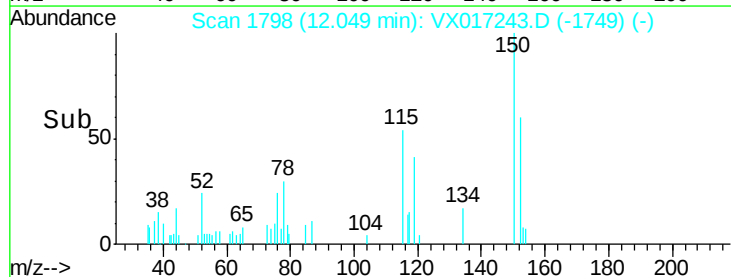
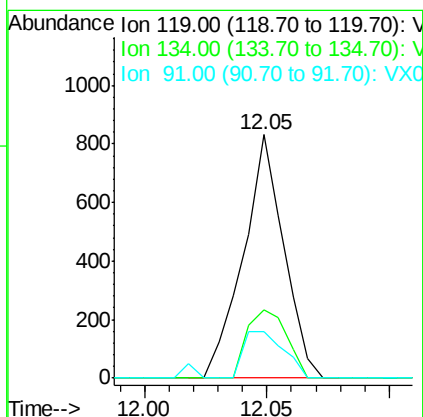
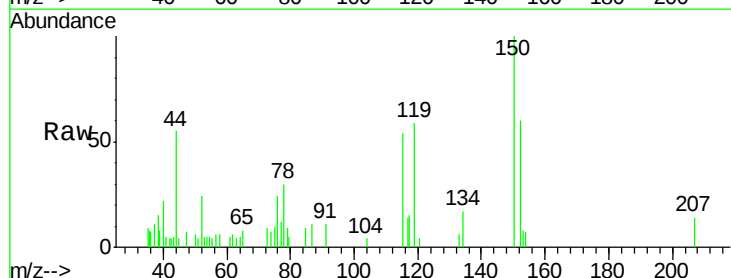
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

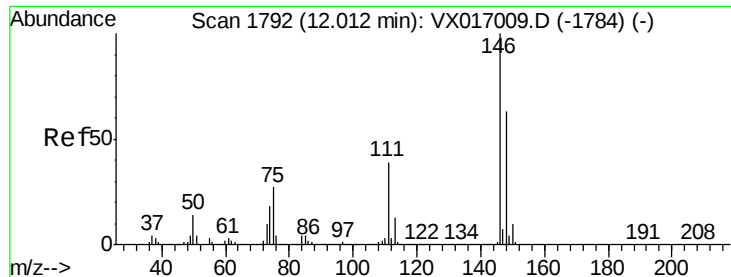
Tgt Ion:105 Resp: 1012
 Ion Ratio Lower Upper
 105 100
 134 16.3 10.5 31.6



#86
 p-Isopropyltoluene
 Concen: 3.212 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017243.D
 Acq: 08 Jul 2020 09:17

Tgt Ion:119 Resp: 962
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.2 39.5
 91 18.9 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 5.603 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX017243.D

Acq: 08 Jul 2020 09:17

Instrument :

MSVOA_X

ClientSampled :

BFB

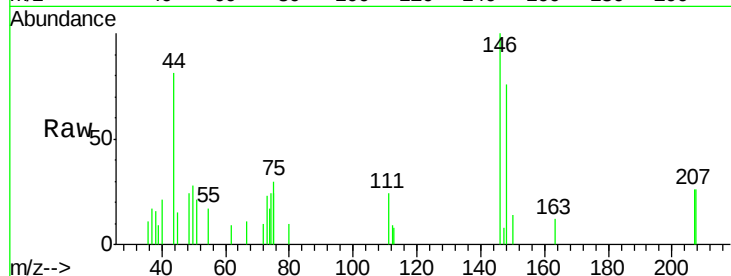
Tgt Ion:146 Resp: 940

Ion Ratio Lower Upper

146 100

111 38.7 20.4 61.2

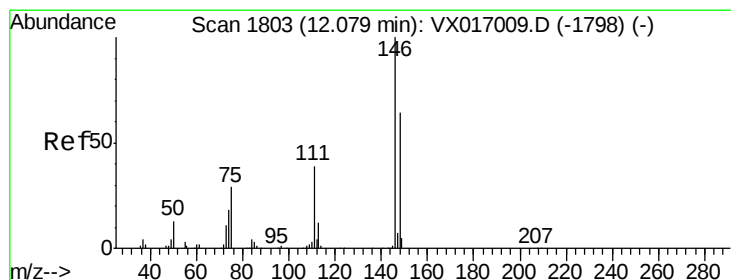
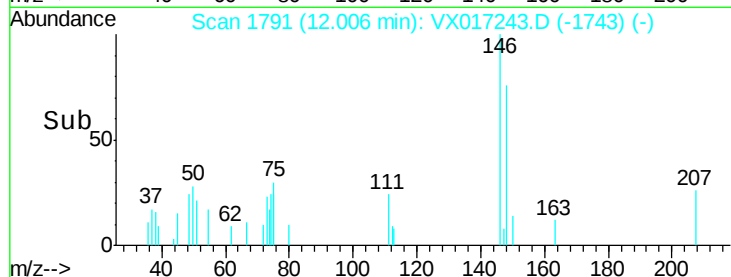
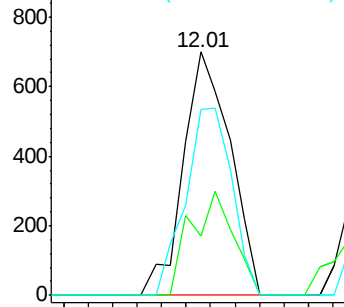
148 76.2 32.5 97.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 6.216 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VX017243.D

Acq: 08 Jul 2020 09:17

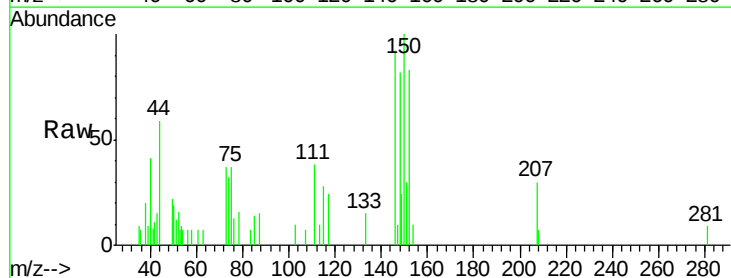
Tgt Ion:146 Resp: 1010

Ion Ratio Lower Upper

146 100

111 50.5 19.5 58.5

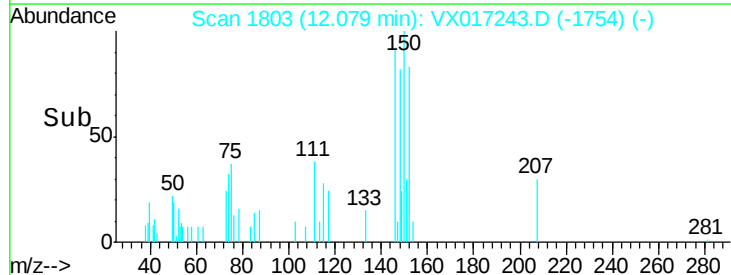
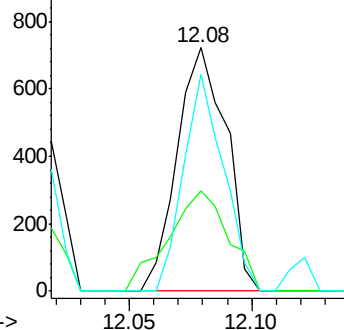
148 73.2 31.9 95.7

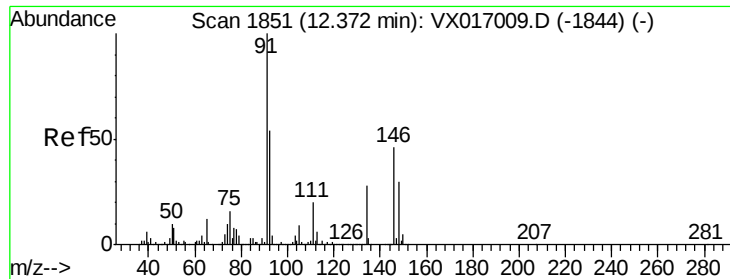


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 6.092 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX017243.D

Acq: 08 Jul 2020 09:17

Instrument :

MSVOA_X

ClientSampleId :

BFB

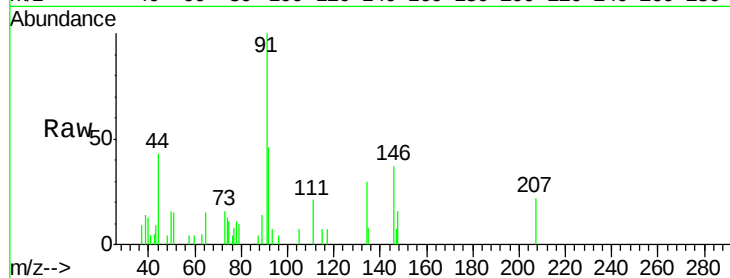
Tgt Ion: 91 Resp: 1629

Ion Ratio Lower Upper

91 100

92 44.1 27.2 81.6

134 28.0 13.6 40.7

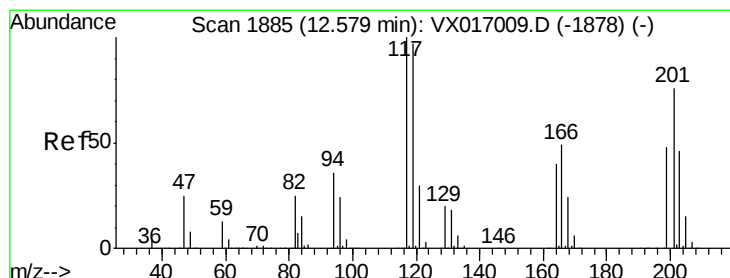
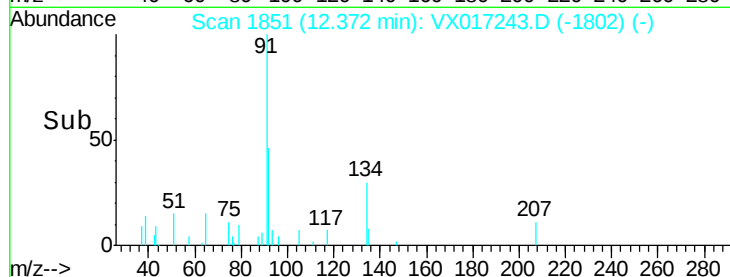


Abundance Ion 91.00 (90.70 to 91.70): VX017009.D (-1844) (-)

Ion 92.00 (91.70 to 92.70): VX017009.D (-1844) (-)

Ion 134.00 (133.70 to 134.70): VX017009.D (-1844) (-)

Time-->



#90

Hexachloroethane

Concen: 1.812 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.20 min

Lab File: VX017243.D

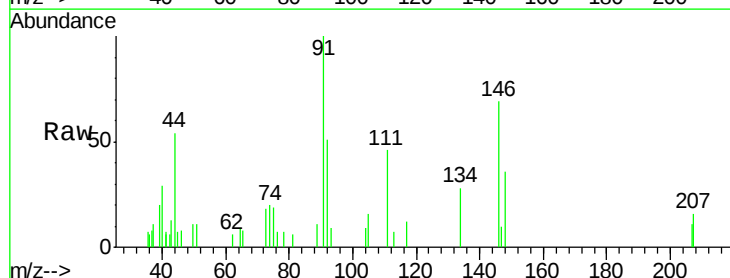
Acq: 08 Jul 2020 09:17

Tgt Ion: 117 Resp: 107

Ion Ratio Lower Upper

117 100

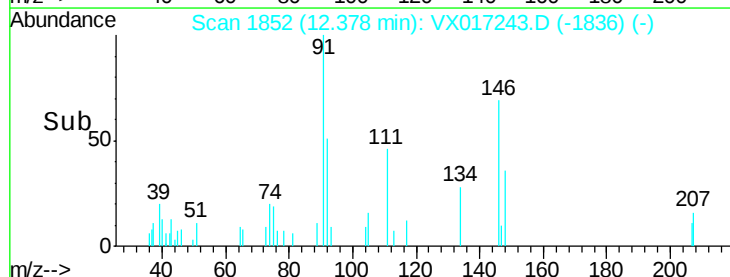
201 0.0 39.4 118.2#

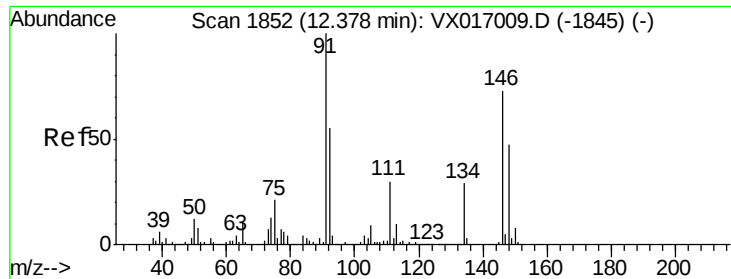


Abundance Ion 116.80 (116.50 to 117.50): VX017009.D (-1878) (-)

Ion 200.70 (200.40 to 201.40): VX017009.D (-1878) (-)

Time-->

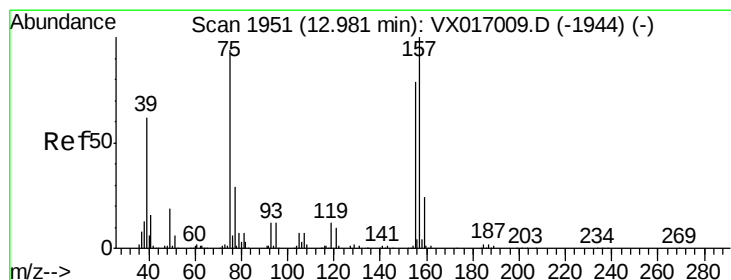
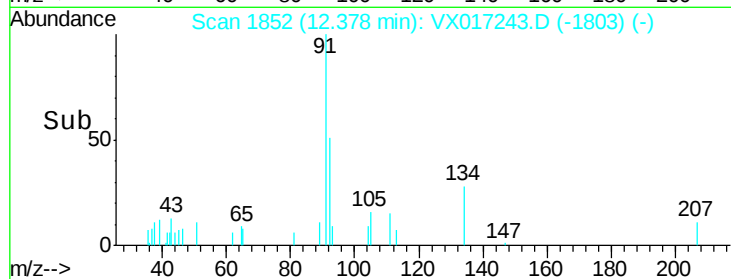
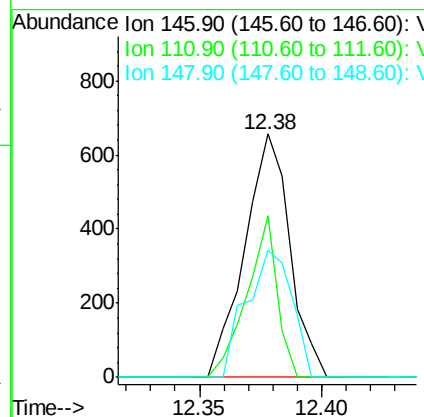
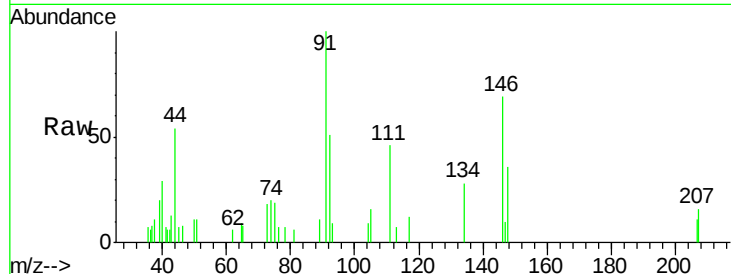




#91
 1,2-Dichlorobenzene
 Concen: 5.408 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX017243.D
 Acq: 08 Jul 2020 09:17

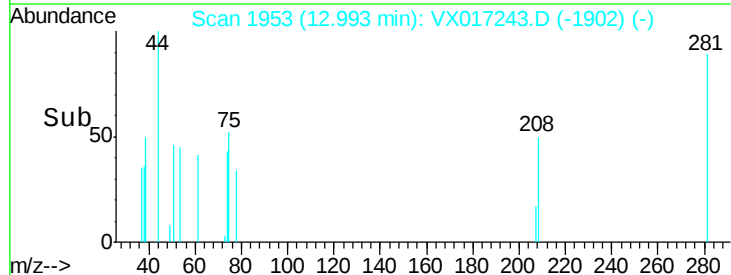
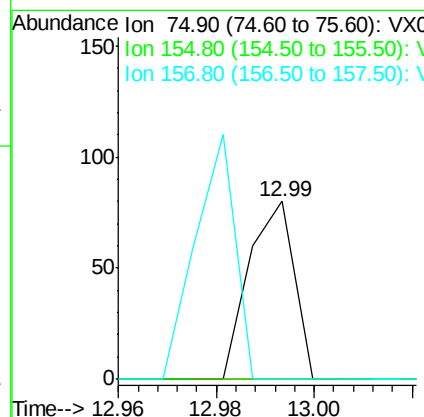
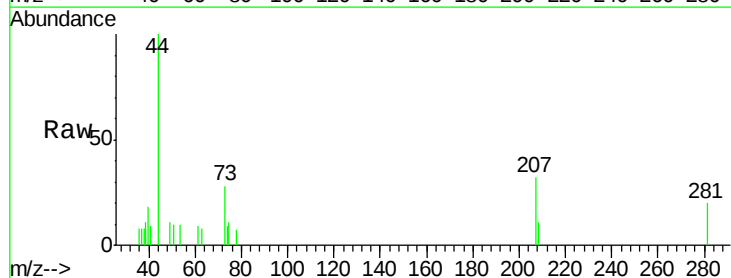
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

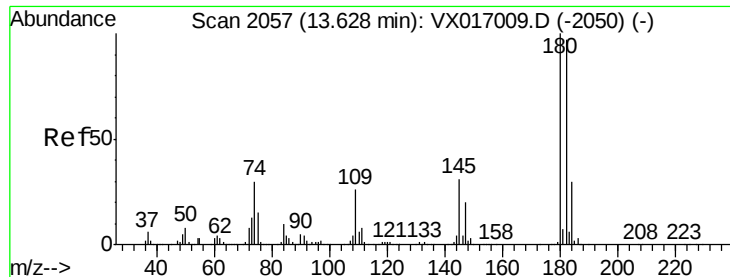
Tgt Ion: 146 Resp: 848
 Ion Ratio Lower Upper
 146 100
 111 44.3 20.6 61.9
 148 52.6 32.4 97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 2.022 ug/l
 RT: 12.99 min Scan# 1953
 Delta R.T. 0.01 min
 Lab File: VX017243.D
 Acq: 08 Jul 2020 09:17

Tgt Ion: 75 Resp: 51
 Ion Ratio Lower Upper
 75 100
 155 0.0 45.1 135.2#
 157 119.6 56.5 169.3

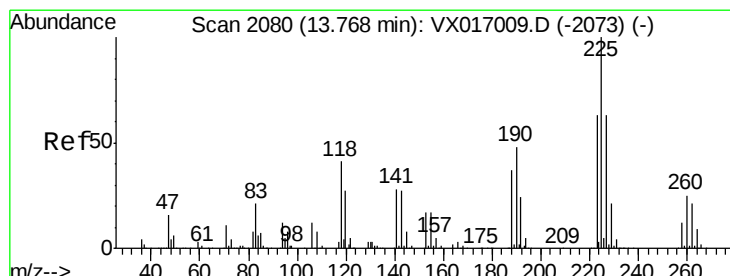
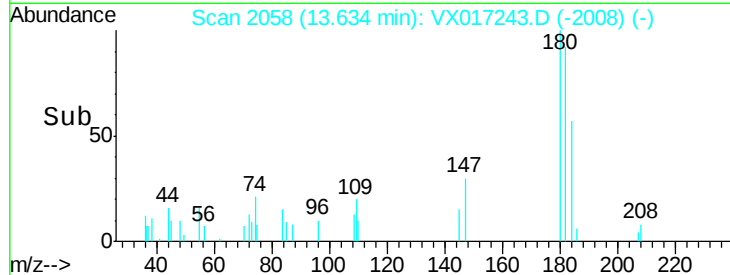
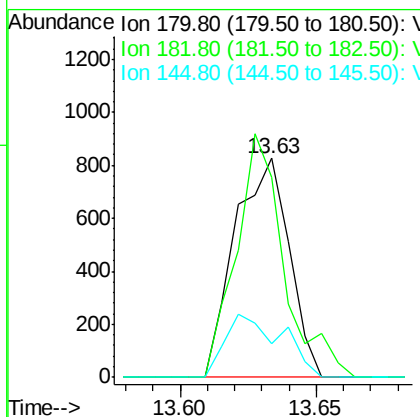
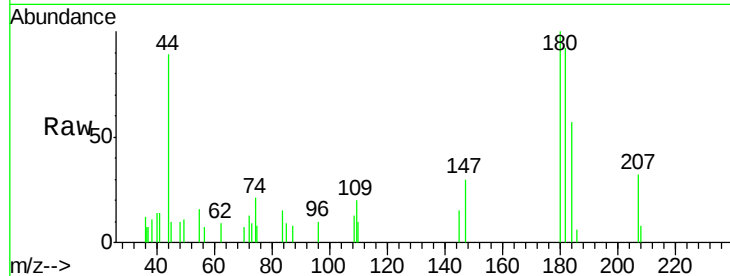




#93
 1,2,4-Trichlorobenzene
 Concen: 10.660 ug/l
 RT: 13.63 min Scan# 2058
 Delta R.T. 0.01 min
 Lab File: VX017243.D
 Acq: 08 Jul 2020 09:17

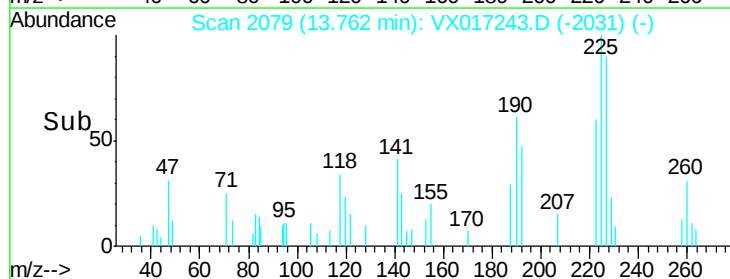
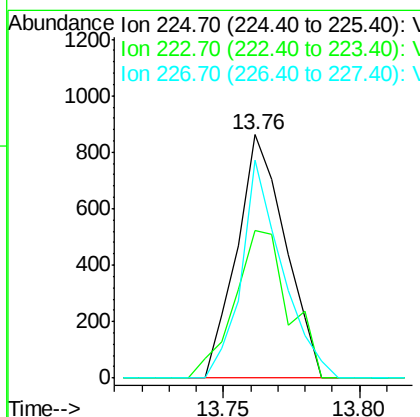
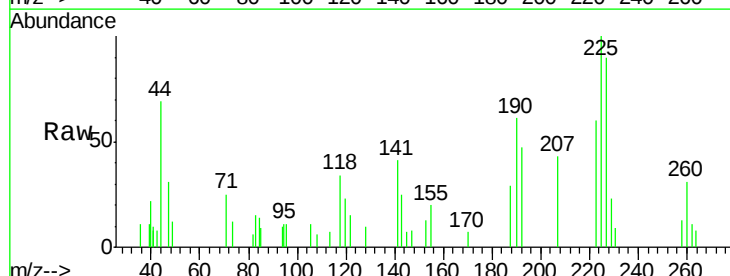
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

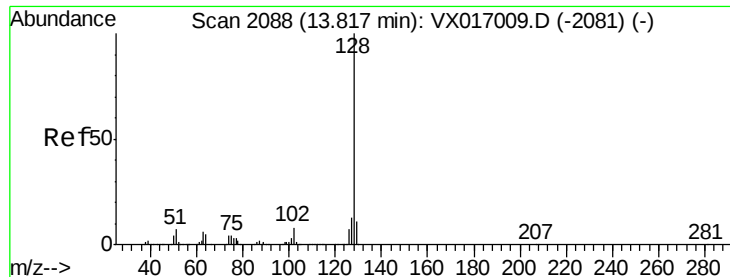
Tgt Ion:180 Resp: 1141
 Ion Ratio Lower Upper
 180 100
 182 97.9 47.3 141.9
 145 29.9 15.4 46.2



#94
 Hexachlorobutadiene
 Concen: 26.571 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX017243.D
 Acq: 08 Jul 2020 09:17

Tgt Ion:225 Resp: 1063
 Ion Ratio Lower Upper
 225 100
 223 67.7 32.5 97.5
 227 75.7 33.1 99.2

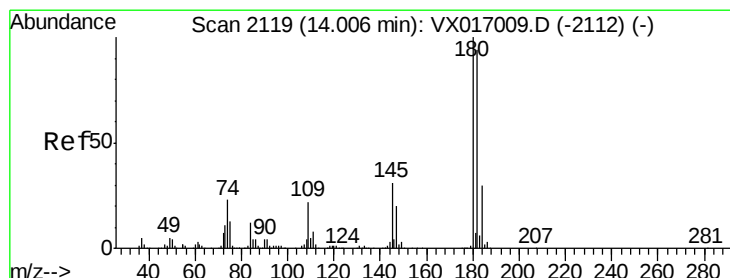
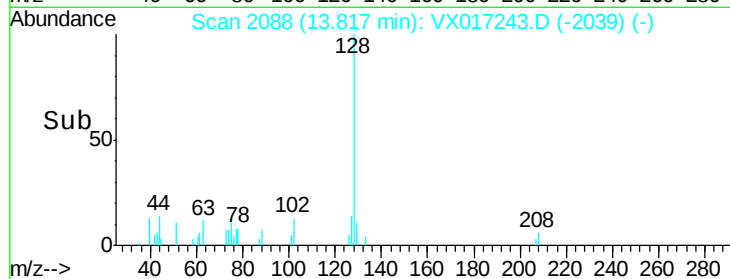
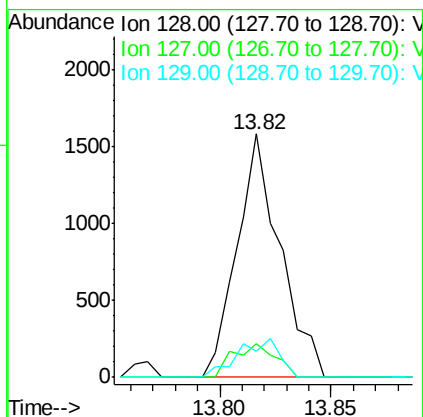
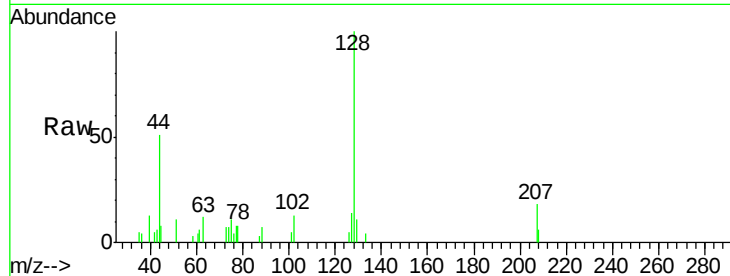




#95
Naphthalene
Concen: 6.546 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017243.D
Acq: 08 Jul 2020 09:17

Instrument :
MSVOA_X
ClientSampleId :
BFB

Tgt Ion:128 Resp: 2130
Ion Ratio Lower Upper
128 100
127 13.5 10.2 15.4
129 15.2 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 11.112 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.01 min
Lab File: VX017243.D
Acq: 08 Jul 2020 09:17

Tgt Ion:180 Resp: 1151
Ion Ratio Lower Upper
180 100
182 96.1 47.1 141.4
145 27.7 16.6 49.7

